
FISHERIES.

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The field work on the fisheries was wholly suspended early in the spring of 1891, and for a full year thereafter no work, either in the field or in the office, was done. When the tabulation of the returns made prior to April, 1891, was commenced, it was too late to renew field work; but, notwithstanding its imperfect character, it was deemed best to complete the tabulation and present the results, so far as obtained.

The transient and irregular employment of a considerable portion of individuals depending more or less upon the fisheries for a livelihood and the difficulty of finding such individuals at any date when results for the year may be sought prevent the returns, as to the number of persons and the equipment employed, from having an accurate value.

In gathering the material for the report on fisheries an effort was made to exclude persons, equipment, expense, capital, and values pertaining to preparation of fish and traffic in the products of fish after they leave the hands of the fishermen.

In some of the fisheries, those taking fish dispose of them mainly as taken from the water, with very little more preparation than is involved in precautions for their safe arrival at market by use of ice or salt, as in the case of the fisheries of the Great Lakes, where a relatively small force of shore help is necessary. In certain other fisheries most of the fish must be manufactured into new forms before marketed, and a relatively large force of shore help and a relatively large investment in shore property are necessary, as in the menhaden fishery.

In still other fisheries a large part of the catch undergoes various preparations before reaching the consumer, but the lines are not sharply drawn between fishermen and manufacturers. In the oyster and salmon fisheries some fishermen sell fish as taken to men who conduct canning factories, while some canners are themselves fishermen.

In confining the report to the catching of fish to the exclusion of processes after the fish leave the hands of the fishermen, the number of shoresmen, or men occupied on shore, is small compared with the number who would be called shoresmen in records that included canneries and the various other manipulations of fish till they reach the consumer.

Packers, canners, and dealers are sometimes purchasers of fish, sometimes the managers of extensive fisheries, and often handle both fish caught by themselves and the fish obtained by purchase.

This variation of practice rendered it difficult to carry out a uniform plan for obtaining statistics for fisheries as distinct from manufacturing and from general trade. It also introduced a liability to a difference of interpretation of the same facts by two persons, or at two censuses.

The aggregates of persons employed, capital, and value of equipment are far less when confined strictly to the taking of fish and their conditions in the hands of the fishermen than when canneries and kindred establishments are included. The value of product is greatly enhanced by the labor and expense of canning and other processes. The preparation of fish by canning or other process after capture falls mainly within the classification of manufactures. There is a difficulty in separating the items when the fisherman is also a dealer.

The investment in fisheries, the number of men employed, and the value of equipment are liable to omissions or duplications even with the utmost care. Nearly every fishery has but a temporary season, and an enumerator is liable to mistake one equipment used in two or three different fisheries during the year for different equipments. Vessels busy fishing in a fishing season are to some extent otherwise employed in other portions of the year, and a question will arise how much of the cost of equipment is to be charged to fisheries and how much to some other pursuit.

Such equipment as is specifically adapted to fishing can be charged to that pursuit without dissent, yet the columns of results of the fisheries are the only ones into which serious variations would not enter if they were made up in duplicate by different persons distributing the same facts, each on his own judgment. Fortunately, the columns least liable to error of fact or of interpretation are these columns of results showing what supply for food or other use has been derived from the fisheries.

The returns are for the year 1889, except those for the oyster fishery, closing with May, 1890; the shad and alewife fishery, closing with July, 1890, and the seal fisheries of Alaska for the season of 1890.

In Table 1 a comparison is made by states and territories of the returns relating to fisheries in 1880 and 1889. The following statement presents a summary of the fisheries in 1889 by industries:

INDUSTRIES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.			
	Total.	Fisher-men.	Shore-men.	Total investment.	Vessels.		
		Number.	Net tonnage.		Value.		
Total (a).....	163,348	136,665	26,683	\$43,602,123	7,257	174,020.74	\$11,133,265
Atlantic and Gulf boat.....	16,880	16,880	.....	1,618,714	307	3,804.35	324,445
Cod and ground.....	10,113	9,750	364	5,000,282	855	44,589.00	2,443,022
Great Lakes.....	6,896	6,598	298	3,080,785	111	1,654.83	306,450
Gulf.....	849	815	34	268,503	84	1,300.93	102,000
Inland.....	7,711	7,711	.....	393,035	.....	.....	.....
Lobster.....	3,944	3,944	.....	538,680	.....	.....	.....
Mackerel.....	8,734	8,701	33	1,177,065	373	14,380.89	749,778
Pacific coast, including Alaska.....	10,340	10,245	95	3,351,584	181	18,484.33	984,786
Sea herring.....	2,340	779	1,561	867,177	75	1,478.58	48,765
Shad and alewife.....	27,407	27,407	.....	2,758,411	144	2,338.71	187,255
Whale.....	3,513	3,513	.....	2,081,036	121	23,011.87	1,070,500
Menhaden.....	3,500	1,094	1,566	2,433,207	150	0,071.21	763,286
Oyster.....	65,328	42,580	22,742	19,173,418	4,805	555,430.00	4,000,820
Sponge.....	897	837	.....	180,037	62	747.04	72,250

INDUSTRIES.	APPARATUS AND CAPITAL INVESTED—continued.				Value of products.	
	Boats.		Minor apparatus.	Other capital, including shore property.		
	Number.	Value.				
Total (a).....	80,261	\$4,826,150	\$8,303,402	\$19,270,246	\$44,277,514	
Atlantic and Gulf boat.....	13,505	630,267	647,055	46,947	5,404,621	
Cod and ground.....	5,520	105,723	1,164,909	1,075,728	4,202,334	
Great Lakes.....	3,472	237,815	1,403,980	1,052,640	2,615,784	
Gulf.....	225	31,347	20,908	105,248	466,036	
Inland.....	8,058	131,370	202,259	.....	1,554,359
Lobster.....	4,853	241,723	221,745	75,221	870,322	
Mackerel.....	1,097	81,570	242,250	103,407	685,947	
Pacific coast, including Alaska.....	5,937	675,254	1,155,240	586,284	4,033,412	
Sea herring.....	531	28,414	102,381	680,017	1,188,052	
Shad and alewife.....	13,034	530,406	1,202,531	769,220	5,071,898	
Whale.....	566	59,220	111,208	831,705	1,821,178	
Menhaden.....	436	64,828	468,657	1,130,497	1,817,878	
Oyster.....	22,677	1,060,174	1,250,203	11,902,212	13,294,339	
Sponge.....	341	21,034	41,236	4,517	281,754	

a The returns are for the year 1889, except those for the oyster fishery, closing with May, 1890; the shad and alewife fishery, closing with July, 1890; and the seal fisheries of Alaska for the season of 1890.

b Partly estimated.

Of the total value of products of fisheries in 1889, very nearly one-third, or \$13,294,339, was reported for the oyster fishery, which also comprised an investment of \$19,173,418 out of a total investment for all the fisheries of \$43,602,123, and employed 65,328 persons out of a reported total of 163,348 persons employed in fisheries of all kinds.

ATLANTIC AND GULF BOAT FISHERY.

The reported value of the product of the Atlantic and Gulf boat fishery in 1889 is \$5,404,621.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the Atlantic and Gulf boat fishery in 1889, by states:

STATES.	Persons employed. (a)	APPARATUS AND CAPITAL INVESTED.					
		Total investment.	Vessels.			Boats.	
			Number.	Net tonnage.	Value.	Number.	Value.
Total	10,880	\$1,648,714	307	3,864,35	\$924,445	13,505	\$630,267
Alabama	207	9,302	1	30,42	1,800	187	3,585
Connecticut.....	842	100,156	54	1,000,21	81,485	773	33,173
Delaware	275	5,230	.....	.....	.....	201	2,742
Florida	680	63,308	7	111,05	10,100	470	32,890
Louisiana.....	37	1,940	.....	.....	.....	32	1,341
Maine	3,164	200,930	16	141,96	3,120	2,706	92,904
Maryland.....	550	20,002	.....	.....	.....	485	17,355
Massachusetts.....	2,040	330,310	8	75,05	8,000	2,246	140,387
Mississippi	48	2,560	.....	.....	.....	23	1,272
New Hampshire.....	64	6,008	.....	.....	.....	140	4,774
New Jersey.....	3,342	271,186	70	666,90	45,545	2,291	130,581
New York.....	1,626	360,607	189	1,707,56	172,985	1,398	81,595
North Carolina	1,827	55,014	1	10,00	800	726	21,885
Pennsylvania.....	35	1,732	.....	.....	.....	20	951
Rhode Island	578	83,051	1	10,00	400	625	41,018
South Carolina	227	2,588	.....	.....	.....	211	1,049
Virginia	1,215	60,883	1	11,00	200	882	21,319

STATES.	APPARATUS AND CAPITAL INVESTED— continued.		PRODUCTS.			
	Minor apparatus.	Other capital, including shore property.	Total value.	Fish.		Other. (Value.)
				Pounds.	Value.	
Total	\$647,055	\$40,947	\$6,404,021	158,538,606	\$3,502,830	\$1,841,701
Alabama	4,007	.....	30,521	1,102,335	32,121	4,400
Connecticut.....	42,638	2,860	207,323	10,408,850	100,840	130,483
Delaware	2,497	.....	47,851	773,987	84,421	13,430
Florida	18,312	2,150	193,316	6,306,084	100,405	23,821
Louisiana.....	608	.....	5,000	186,060	4,758	242
Maine.....	98,705	5,501	513,400	21,103,084	378,731	134,768
Maryland.....	0,247	.....	380,380	2,494,011	107,455	278,926
Massachusetts	170,777	11,155	835,846	23,245,705	605,030	230,216
Mississippi	1,288	.....	13,191	105,820	6,076	7,115
New Hampshire	2,134	.....	35,358	1,731,080	33,810	1,539
New Jersey.....	80,188	14,872	1,010,508	14,300,700	620,035	308,573
New York.....	112,262	2,765	940,455	35,614,731	572,868	376,587
North Carolina	31,605	1,534	425,701	15,000,024	415,368	10,303
Pennsylvania.....	781	.....	10,080	234,482	16,080	.....
Rhode Island	35,008	5,725	207,840	3,575,000	110,953	90,803
South Carolina.....	939	.....	16,202	640,040	13,168	3,034
Virginia	34,970	385	405,475	21,300,407	280,103	125,372

a Fishermen; no shoresmen reported.

The Atlantic and Gulf boat fishery, as its name suggests, embraces the fishing along the eastern coast of the United States, with boats as conveyances, as distinguished from the fishing at sea, requiring vessels large enough for registry, that is, of 5 tons burden or larger. The fish are mostly sold at once to consumers, with only enough of care and labor to insure their delivery. The equipments, sometimes requiring a large outlay for nets and other appliances, are generally of moderate value, with some exceptional expenditure where carrying pleasure parties for fishing affects the expense of equipment, as on the New Jersey coast, or where retailers of fish conduct a large business in hiring numbers of fishermen whose catch they distribute through their own trade facilities, as in the vicinity of various southern cities.

In the southern states a large proportion of the fishermen are negroes, who equip themselves in the most inexpensive way, their boats often so simply made as to have but a nominal value. There is such irregularity in their employment that the return of the number employed during the year is especially unsatisfactory.

COD AND GROUND FISHERY.

The reported value of the product of the cod and ground fishery in 1889 is \$4,262,384. The average time employed is 29.76 weeks. The states interested in taking these fish, named in the order of the reported value of their product, are as follows: Massachusetts, Maine, New Hampshire, New York, Connecticut, Rhode Island, and New Jersey.

Near the northeast Atlantic coast the product of the cod fishery forms an important article of food, and in the dried form it reaches remote portions of the country as part of the general food supply. A large fraction of the catch is of other fish, of which the haddock so closely resembles the cod as often to be treated like it and sold with it, while the halibut has characteristics that give it special value on its own merits.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the cod and ground fishery in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.					
	Total.	Fisher-men.	Shores-men.	Total investment.	Vessels.			Boats.	
		Number.	Net tonnage.		Number.	Value.	Number.	Value.	
Total	10,113	9,750	354	\$5,690,282	855	44,580.00	\$2,443,922	5,529	\$105,723
Connecticut	69	67	2	33,855	14	348.77	22,150	51	1,299
Maine	2,257	2,230	21	831,077	253	0,202.10	407,100	1,064	27,655
Massachusetts	7,505	7,185	320	4,704,003	543	34,001.50	1,937,337	3,028	73,343
New Hampshire	130	120	10	50,308	13	466.30	23,300	109	2,015
New Jersey	20	20	.....	12,327	7	112.93	8,000	9	177
New York	29	20	.....	21,005	3	127.73	19,000	23	590
Rhode Island	97	90	1	30,957	22	270.07	26,075	45	644

STATES.	APPARATUS AND CAPITAL INVESTED—continued.		PRODUCTS.					
	Minor apparatus.	Other capital, including shore property.	Total value.	Fish.				Other. (Value.)
				Cod.		Other species.		
Total	\$1,164,000	\$1,075,728	\$4,262,334	87,462,166	\$2,533,336	70,756,702	\$1,655,326	\$73,072
Connecticut	4,400	6,000	34,882	380,420	11,331	441,470	23,551	.....
Maine	147,827	248,425	565,207	5,231,580	388,000	10,860,140	161,078	16,129
Massachusetts	982,605	1,710,718	3,408,812	79,135,605	2,001,894	64,204,326	1,380,210	56,708
New Hampshire	23,508	7,575	93,300	1,759,001	41,320	2,757,196	51,130	835
New Jersey	1,150	3,000	4,815	25,500	795	94,000	4,020	.....
New York	2,015	.....	51,050	555,000	20,050	1,175,000	31,000	.....
Rhode Island	3,338	.....	14,178	369,060	9,847	134,570	4,331	.....

The following table indicates the forms under which the catch passed out of the hands of the fishermen:

CLASSIFICATION.	VALUE OF PRODUCTS.		
	Total.	Fresh.	Salted.
Total.....	\$4,262,334	\$2,283,335	\$1,078,000
Blubber and oil.....	30,266	30,266	.....
Codfish, bank.....	1,003,010	37,357	1,066,653
Codfish, Georges.....	684,103	165,700	518,307
Codfish, shore.....	755,323	534,533	220,790
Cusk.....	110,620	86,644	23,985
Fish livers.....	40,573	40,573	.....
Fish roe or spawn.....	75	.....	75
Haddock.....	658,242	635,511	22,731
Hake.....	184,238	125,481	68,757
Hallibut.....	520,927	477,334	40,503
Pollock.....	60,493	37,550	22,937
Sounds.....	2,302	1,450	852
Swordfish.....	28,505	28,505	.....
Tongues.....	456	338	118
Other species.....	86,202	82,081	4,211

FISHERIES OF THE GREAT LAKES.

The reported value of the product of the fisheries of the Great Lakes in 1889 is \$2,615,784.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the fisheries of the Great Lakes in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.					
	Total.	Fisher-men.	Shore-men.	Total investment.	Vessels.			Boats.	
		Number.	Net tonnage.		Number.	Value.	Number.	Value.	
Total	6,896	6,598	298	\$3,080,785	111	1,054,83	\$306,450	3,472	\$257,815
Illinois	120	120	-----	37,805	1	26.00	7,000	100	4,294
Indiana.....	20	29	-----	22,750	2	16.62	7,000	14	872
Michigan.....	3,050	3,003	47	1,031,223	48	735.02	151,750	1,448	70,916
Minnesota.....	162	162	-----	34,585	2	26.20	5,500	112	6,555
New York.....	634	618	16	66,103	5	68.36	10,200	377	20,703
Ohio.....	1,577	1,397	180	1,314,697	27	439.70	110,600	613	87,354
Pennsylvania.....	304	277	27	249,564	10	114.08	22,900	204	31,280
Wisconsin	1,020	902	28	204,249	16	227.26	51,500	514	26,831

STATES.	APPARATUS AND CAPITAL INVESTED—continued.		PRODUCTS (FISH).						
	Minor apparatus.	Other capital, including shore property.	Total.		Herring.		Lake trout.		
			Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	
Total	\$1,403,880	\$1,052,640	117,085,568	\$2,615,784	53,800,021	\$717,061	11,201,631	\$452,504	
Illinois	13,611	12,700	732,830	24,097	77,450	2,077	25,000	1,500	
Indiana.....	14,272	615	348,800	16,906	55,000	1,550	150,400	9,032	
Michigan.....	500,071	298,586	34,400,184	1,066,240	8,275,511	147,460	6,068,505	275,305	
Minnesota.....	20,024	1,506	1,394,131	41,081	66,958	1,572	1,080,226	31,409	
New York.....	48,930	16,270	5,403,222	105,116	3,258,355	67,325	73,203	4,225	
Ohio.....	541,847	574,896	47,449,481	638,590	28,731,860	297,833	-----	-----	
Pennsylvania.....	85,907	109,477	12,492,360	255,710	6,006,149	74,085	-----	-----	
Wisconsin	177,418	38,500	14,774,560	303,020	6,589,020	123,059	2,885,207	130,973	

STATES.	PRODUCTS (FISH)—continued.					
	Whitefish.		Sturgeon.		Other species.	
	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
Total	15,326,488	\$601,503	2,798,725	\$105,035	34,007,803	\$648,721
Illinois	17,375	888	8,200	410	604,805	18,322
Indiana.....	20,000	1,200	85,400	4,154	38,000	970
Michigan.....	10,348,133	458,445	1,215,058	41,701	7,681,987	143,338
Minnesota.....	211,147	7,460	-----	-----	16,800	580
New York.....	394,270	20,854	350,727	17,091	1,320,667	54,721
Ohio.....	1,742,566	92,981	410,486	14,741	16,504,530	278,035
Pennsylvania.....	1,159,020	52,218	676,711	25,162	4,049,574	103,659
Wisconsin	1,433,041	57,522	45,243	1,776	3,821,440	49,096

The following table presents the detail of persons employed, apparatus and capital invested, and products of the fisheries of each of the Great Lakes in 1889:

LAKES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.					
	Total	Fisher-men.	Shore-men.	Total investment.	Vessels.			Boats.	
		Number.	Net tonnage.		Number.	Value.	Number.	Value.	
Total	6,896	6,598	298	\$3,080,785	111	1,654,83	\$306,450	3,472	\$257,815
Erie	2,181	1,905	216	1,041,630	42	623,04	143,700	1,003	127,556
Huron and St. Clair.....	1,444	1,432	12	422,346	12	142,38	30,000	623	39,334
Michigan	2,084	2,040	35	730,800	48	777,75	165,400	1,079	54,062
Ontario	398	300	8	48,716	.....	.....	.....	263	13,232
Superior	789	762	27	228,275	9	111,06	27,350	454	29,631

LAKES.	APPARATUS AND CAPITAL INVESTED--continued.		PRODUCTS (FISH).						
	Minor apparatus.	Other capital, including shore property.	Total.		Herring.		Lake trout.		
			Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	
Total	\$1,403,880	\$1,052,640	117,085,508	\$2,615,784	53,000,021	\$717,001	11,201,631	\$452,504	
Erie	600,080	704,303	63,563,332	1,039,758	27,200,850	395,171	60,708	8,714	
Huron and St. Clair.....	191,081	187,981	10,030,307	427,252	4,630,221	78,327	2,181,316	86,508	
Michigan	303,718	120,020	26,006,944	788,538	9,508,587	190,359	5,580,938	240,255	
Ontario	29,084	5,800	2,601,016	85,431	1,860,140	48,202	0,500	511	
Superior	123,307	47,927	7,883,049	280,807	382,123	5,002	3,366,724	112,516	

LAKES.	PRODUCTS (FISH)—continued.					
	Whitefish.		Sturgeon.		Other species.	
	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
Total	15,320,488	\$601,563	2,708,725	\$105,035	34,007,803	\$848,721
Erie	9,823,772	107,172	1,244,007	47,045	21,727,400	420,056
Huron and St. Clair.....	2,556,804	119,850	656,369	10,400	6,885,057	123,167
Michigan	5,523,071	240,403	612,353	26,034	4,721,075	75,795
Ontario	23,383	1,476	200,927	10,925	610,906	24,317
Superior	3,898,558	150,572	84,109	1,931	152,075	4,786

The fish caught in the Great Lakes pass almost directly from the fishermen, so that they need but a relatively small equipment as shore property.

The growing density of population adjacent to the lakes makes a convenient market ready for even more than the supply, so that the fisherman has little occasion to expend any manufacturing energy on his catch.

The catch of whitefish and the catch of sturgeon have greatly diminished. The decline in whitefish has been met in some measure by extensive planting of fish artificially hatched.

In reporting the fisheries of the Great Lakes the effort was made to exclude all employés engaged in the handling of fish after taken from the water as fish is so largely sold as caught.

GULF FISHERY.

In the subdivision of the fisheries the term Gulf fishery has been used to include the fishing with vessels in the Gulf of Mexico. Its markets are mainly in the large cities of the south, from which shipments are made in ice to distant points. The Gulf fishery is in part of the territory covered by the Atlantic and Gulf boat fishery, under which attempts to determine the number of fishermen employed during the year are unsatisfactory.

The reported value of the product of the Gulf fishery in 1889 is \$466,036. The states in the order of the reported value of their product are as follows: Florida, Texas, Louisiana, and Mississippi.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the Gulf fishery in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.			
	Total.	Fisher-men.	Shore-men.	Total investment.	Vessels.		
					Number.	Net tonnage.	
Total	849	815	34	\$208,503	64	1,369.93	\$102,000
Florida	411	381	30	100,213	37	1,055.38	78,000
Louisiana.....	93	93	-----	13,717	10	165.48	9,500
Mississippi.....	136	132	4	16,573	9	77.30	6,200
Texas	209	209	-----	39,000	8	71.77	8,300

STATES.	APPARATUS AND CAPITAL INVESTED—continued.				PRODUCTS.			
	Boats.		Minor apparatus.	Other capital, including shore property.	Total value.	Fish.		
	Number.	Value.				Pounds.	Value.	
Total	225	\$31,347	\$29,908	\$105,248	\$466,036	8,472,412	\$438,858	\$27,178
Florida	53	5,020	10,345	105,248	278,215	5,846,904	275,570	2,630
Louisiana.....	12	2,205	1,952	-----	24,018	524,780	23,643	375
Mississippi.....	35	5,878	4,495	-----	21,245	101,425	6,580	14,605
Texas	125	17,584	18,110	-----	142,558	2,900,213	133,059	9,400

INLAND FISHERIES.

The reported value of the product of the inland fisheries in 1889 is \$1,554,359. The states producing over \$20,000 in reported value in the order of their product are as follows: Illinois, Iowa, Missouri, Wisconsin, Kentucky, New York, Arkansas, Ohio, Idaho, Tennessee, Minnesota, Mississippi, Alabama, Indiana, Texas, Pennsylvania, Kansas, California, Michigan, Nevada, and Nebraska.

The inland fisheries have not before been reported in census returns. The products of minor lakes and rivers are obtained by those whose equipment is of the simplest kind, hardly even of nominal value, and who use in fishing only odd moments, without disturbing a record of regular occupation in some other pursuit. This occasional fishing is carried on to a greater extent than upon the Great Lakes and the salt water.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the inland fisheries in 1889 by states and territories:

STATES AND TERRITORIES.	Persons em- ployed. (a)	APPARATUS AND CAPITAL INVESTED.				PRODUCTS.			
		Total invest- ment.	Boats.		Minor appa- ratus.	Total value.	Fish.		Other. (Value.)
			Num- ber.	Value.			Pounds.	Value.	
The United States...	7,711	\$303,035	8,058	\$131,376	\$202,250	\$1,554,350	36,877,150	\$1,552,223	\$2,136
Alabama.....	215	13,103	291	3,102	10,001	44,078	810,488	43,818	200
Arkansas.....	207	17,830	312	5,410	12,420	74,020	2,008,010	74,372	254
California.....	221	9,223	184	3,595	5,028	25,238	553,500	24,888	350
Colorado.....	27	673	10	248	425	4,564	103,207	4,564	.....
Connecticut.....	54	3,600	50	1,400	2,110	9,703	311,237	9,703	.....
Florida.....	78	2,760	67	1,348	1,421	9,340	222,480	9,340	.....
Georgia.....	69	2,163	81	1,100	007	7,850	93,480	7,820	30
Idaho.....	115	4,800	129	2,141	2,740	58,005	910,090	58,605	.....
Illinois.....	670	50,175	757	16,340	42,820	224,430	6,664,408	224,430	.....
Indiana.....	203	10,764	335	0,074	10,000	43,535	775,200	43,181	354
Indian territory.....	13	743	10	01	082	1,007	36,452	1,007	.....
Iowa.....	348	27,900	401	6,373	21,527	155,079	3,554,880	155,071	8
Kansas.....	175	7,687	194	2,132	5,555	27,053	494,428	27,053	.....
Kentucky.....	374	20,884	506	9,088	17,790	80,144	2,169,738	86,124	20
Louisiana.....	72	5,032	89	2,958	2,074	17,353	661,360	17,353	.....
Maine.....	73	4,305	117	683	3,712	8,925	196,070	8,877	48
Maryland.....	12	330	22	258	81	946	10,570	940	.....
Massachusetts.....	20	1,132	14	658	474	3,051	77,420	3,051	.....
Michigan.....	110	8,025	128	2,346	5,070	24,932	662,602	23,757	575
Minnesota.....	312	13,054	388	5,820	7,734	57,715	1,481,813	57,715	.....
Mississippi.....	163	7,841	170	2,559	5,282	48,555	1,010,500	48,408	147
Missouri.....	504	30,204	601	10,080	20,214	128,008	2,990,571	128,008	.....
Montana.....	43	1,270	41	716	554	7,080	131,500	7,080	.....
Nebraska.....	90	3,101	106	1,134	1,007	20,410	323,233	20,410	.....
Nevada.....	211	2,205	81	1,725	540	21,856	331,310	21,856	.....
New Hampshire.....	27	847	23	299	548	2,183	41,812	2,183	.....
New Jersey.....	52	839	10	136	203	1,778	25,268	1,778	.....
New Mexico.....	8	418	8	146	272	2,783	24,510	2,783	.....
New York.....	587	20,329	601	14,785	11,544	82,412	994,534	82,412	.....
North Carolina.....	111	2,776	170	1,514	1,202	8,901	133,023	8,901	.....
North Dakota.....	9	243	9	118	130	800	12,000	800	.....
Ohio.....	435	13,731	405	3,295	10,526	62,806	1,827,927	62,726	80
Oregon.....	70	872	21	285	587	9,252	195,505	9,252	.....
Pennsylvania.....	326	7,316	180	2,377	4,939	31,830	383,100	31,930	.....
South Carolina.....	29	540	20	200	334	1,563	21,945	1,563	.....
South Dakota.....	62	2,142	62	935	1,207	10,866	130,206	10,806	.....
Tennessee.....	360	10,113	498	5,207	10,900	58,397	1,305,015	58,327	10
Texas.....	175	6,264	189	1,909	4,295	31,944	490,544	31,944	.....
Utah.....	18	388	10	150	238	5,107	143,426	5,107	.....
Vermont.....	96	3,203	86	1,500	1,607	11,024	163,504	11,024	.....
Virginia.....	74	1,918	44	300	1,600	4,020	52,554	4,020	.....
Washington.....	290	4,070	28	860	3,201	19,733	937,540	19,733	.....
West Virginia.....	45	2,496	40	713	1,783	4,698	59,640	4,698	.....
Wisconsin.....	404	32,493	420	9,008	22,887	92,004	2,470,556	92,004	.....
Wyoming.....	7	83	.....	.....	83	287	1,150	287	.....

a Fishermen; no shoresmen reported.

A large amount of fish is taken at the time of the flood in our rivers or in winter through holes in the ice of northern lakes and streams, to which the fish crowd at times, by farmers and others, and no enumerator, unless a near neighbor, would be apt to expect them to report fish taken. The table of inland fisheries therefore must fall considerably short in its showing of the food supplied by our rivers and minor lakes.

LOBSTER FISHERY.

The reported value of the product of the lobster fishery in 1889 is \$879,322. The states in the order of the reported value of their product are as follows: Maine, Massachusetts, Connecticut, Rhode Island, New Hampshire, New York, New Jersey, and Delaware.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the lobster fishery in 1889, by states:

STATES.	Persons employed. (a)	APPARATUS AND CAPITAL INVESTED.				
		Total investment.	Boats.		Minor apparatus.	Other capital, including shore property.
			Number.	Value.		
Total	3,944	\$538,689	4,853	\$241,723	\$221,745	\$75,221
Connecticut	100	52,018	207	30,078	14,382	958
Delaware	2	50	1	20	30	.....
Maine	2,759	328,336	3,404	123,185	137,195	67,056
Massachusetts	735	113,501	928	54,593	55,403	3,409
New Hampshire	62	4,109	66	1,474	2,087	8
New Jersey	20	5,190	11	1,475	1,615	2,100
New York	67	7,335	39	3,360	3,475	500
Rhode Island	133	28,081	137	20,038	6,043	200

STATES.	PRODUCT (LOBSTERS CAUGHT).								
	Total.			Sold to canners and packers.			Sold to smacks alive.		
	Number.	Pounds.	Value.	Number.	Pounds.	Value.	Number.	Pounds.	Value.
Total	16,865,617	28,097,052	\$879,322	5,354,580	5,050,101	\$77,500	5,084,832	10,104,208	\$310,193
Connecticut	867,994	1,087,005	58,757	.....	.....	.....	50,600	110,200	2,340
Delaware	3,750	5,625	248	.....	.....	.....	.....	.....	.....
Maine	12,552,806	20,273,477	521,644	5,851,580	5,944,101	77,410	4,435,041	8,871,345	260,820
Massachusetts	2,624,218	4,955,450	216,707	.....	.....	.....	500,101	1,173,723	44,033
New Hampshire	176,733	348,966	15,301	.....	.....	.....	.....	.....	.....
New Jersey	74,806	148,800	5,160	3,000	0,000	180	.....	.....	.....
New York	206,875	310,450	15,331	.....	.....	.....	.....	.....	.....
Rhode Island	538,315	667,270	46,024	.....	.....	.....	.....	.....	.....

STATES.	PRODUCT (LOBSTERS CAUGHT)—continued.								
	Sold to market alive.			Shipped to market cooked.			Local sales.		
	Number.	Pounds.	Value.	Number.	Pounds.	Value.	Number.	Pounds.	Value.
Total	5,044,937	9,457,118	\$383,603	193,902	388,808	\$16,582	1,187,366	2,136,607	\$86,266
Connecticut	417,747	678,760	40,317	.....	.....	.....	210,047	289,045	18,100
Delaware	1,750	2,625	88	.....	.....	.....	2,000	3,000	160
Maine	2,202,442	4,330,067	140,038	108,036	217,101	8,593	455,767	901,173	25,774
Massachusetts	1,745,438	3,235,250	147,926	82,806	165,707	7,710	206,723	380,779	17,110
New Hampshire	144,583	284,566	12,583	.....	.....	.....	32,200	64,400	2,778
New Jersey	10,000	20,000	800	.....	.....	.....	61,866	122,800	4,180
New York	108,275	113,250	4,821	.....	.....	.....	98,000	197,200	10,510
Rhode Island	414,752	783,000	37,120	3,000	6,000	270	120,563	178,270	8,034

a Fishermen; no shoresmen reported.

MACKEREL FISHERY.

The reported value of the product of the mackerel fishery in 1889 is \$685,947. The states in the order of the reported value of their product are as follows: Massachusetts, Maine, Rhode Island, and Connecticut.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the mackerel fishery in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.					
	Total,	Fisher-men.	Shore-men.	Total investment.	Vessels.			Boats.	
		Number.	Net tonnage.		Number.	Value.	Number.	Value.	
Total	3,734	3,701	33	\$1,177,065	373	14,380.80	\$749,778	1,007	\$81,570
Connecticut	75	75	.....	24,292	15	361.60	19,525	64	2,341
Maine	695	686	9	215,058	65	2,322.71	113,725	263	15,047
Massachusetts.....	2,772	2,748	24	882,252	252	11,211.15	573,678	709	61,832
Rhode Island	192	192	.....	55,403	41	485.43	42,850	55	2,350

STATES.	APPARATUS AND CAPITAL INVESTED—continued.		PRODUCTS.					
	Minor apparatus.	Other capital, including shore property.	Total value.	Fish. (a)				
				Mackerel.		Other species.		
Total	\$242,250	\$103,407	\$685,947	6,725,000	\$604,527	2,707,808	\$81,420	
Connecticut	1,426	1,000	30,701	5,800	454	505,400	30,337	
Maine	53,096	33,100	112,071	1,177,112	103,701	340,700	8,370	
Massachusetts.....	179,815	66,927	499,720	5,224,298	474,830	1,300,868	24,884	
Rhode Island	7,913	2,350	43,365	317,850	25,536	461,900	17,820	

α No other products.

PACIFIC COAST FISHERIES.

The total value of the product of the Pacific coast fisheries in 1889, inclusive of Alaska, where the year ended in 1890, is \$4,933,412. The states and territories in the order of the reported value of their product are as follows: Alaska, California, Oregon, and Washington.

The following table presents the detail of persons employed, apparatus and capital invested, and the products of the Pacific coast fisheries in 1889, by states and territories:

STATES AND TERRITORIES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.					
	Total.	Fisher-men.	Shores-men.	Total investment.	Vessels.			Boats.	
		Number.	Net tonnage.		Number.	Value.	Number.	Value.	
Total.....	10,340	10,245	95	\$3,351,564	181	18,484.33	\$934,786	5,987	\$675,254
Alaska (a).....	1,837	1,742	95	994,808	49	10,812.18	790,500	722	91,818
California	3,181	3,181	.....	726,466	105	995.78	63,686	1,904	201,183
Oregon	2,832	2,832	.....	913,427	12	521.26	63,100	1,517	100,572
Washington.....	2,490	2,490	.....	710,773	15	155.11	17,500	1,704	122,681

STATES AND TERRITORIES.	APPARATUS AND CAPITAL INVESTED--continued.			PRODUCTS.					
	Minor apparatus.	Other capital, including shore property.	Total value.	Fish.				Other. (Value.)	
				Salmon.		Other species.			
				Pounds.	Value.	Pounds.	Value.		
Total.....	\$1,155,240	\$586,284	\$4,933,412	110,913,702	\$3,458,006	80,142,281	\$848,073	\$627,333	
Alaska (a).....	112,580	.....	1,373,700	38,085,940	1,020,865	(b)	38,000	314,025
California	202,527	79,070	1,918,402	10,053,913	477,055	24,121,734	672,182	108,205	
Oregon	418,635	262,120	1,176,936	34,731,154	1,116,465	1,152,244	31,885	28,586	
Washington.....	331,498	245,094	1,064,284	23,442,695	842,721	4,868,303	106,006	115,557	

a For the year ending in 1890.

b Not reported by pounds.

The fisheries of the Pacific coast have their principal headquarters in San Francisco, where much of the capital used in Alaska belongs, and where a large part of the product of the fisheries is landed for immediate consumption and for distribution. The salmon fishery produces the largest results of any on this coast. The character of the southern coast is forbidding to fishermen. The northern coast, so indented with inlets and fringed with islands that a vessel may go hundreds of miles without coming into the open sea, is more favorable for catching fish, but it is too far from ready markets to furnish great additions to the supply of fish sold fresh. The conditions in Alaska are so peculiar that they call for a special explanation.

Alaska embraces a vast area of water whose undetermined limits were matters of international negotiation at the time of the census. Were fisheries to be fully credited to the regions in which the fish are taken, a large amount would be given as of Alaska fisheries which now appears under the fisheries of the states where the vessels and equipments of the fisheries are owned. Whales, for example, taken in Alaskan waters form part of the returns of the states where the whalers keep their records.

It has not been practicable to make a complete separation of results growing out of fisheries in Alaskan waters from results growing out of fisheries in other waters.

The fish caught in Alaska and not used for local consumption are partly canned and partly salted at sundry points adjacent to the waters where they are taken.

The vast extent of coast, the scant population, and the brevity of the season for travel would of themselves make it difficult to gather complete returns.

The following tables represent the salmon fisheries carried on in Alaskan waters by California capital, as tabulated from schedules obtained from San Francisco county, California:

ALASKA SALMON FISHERY.

CAPITAL INVESTED.

CLASSIFICATION.	Number.	Net tonnage.	Value.
Total			\$1,008,426
Vessels	40	16,812.18	700,500
Boats	722		91,818
Minor apparatus			112,580
Lands, buildings, and wharves			613,528

PRODUCTS (FISH).

KIND.	Pounds.	Value.
Total as taken	36,085,040	\$1,020,865
Salmon	36,081,940	1,020,705
Other species	4,000	160

PRODUCTS (FACTORY).

KIND.	Number.	Value.
Total as canned		\$2,730,700
Canned fish	cases..	577,003 2,365,840
Canned fish	pounds..	2,655,984 266,110
Oil	gallons..	500 175
Oil	barrels..	40 750
Pickled fish	do..	3,700 35,325
Boneless and prepared fish	cases..	25,000 112,500

There were employed, exclusive of factory hands, 1,837 men. Of the 2,487 factory hands, a large proportion were Chinese.

SEA HERRING FISHERY.

The reported value of the sea herring fishery product in 1889 is \$1,188,652. The states in the order of the reported value of their product are as follows: Maine and Massachusetts.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the sea herring fishery in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.							
	Total.	Fisher-men.	Shore-men.	Total investment.	Vessels.			Boats.		Minor apparatus.	Other capital, including shore property.
		Number.	Net tonnage.		Number.	Value.	Value.	Number.	Value.		
Total	2,340	779	1,561	\$807,177	75	1,478.58	\$48,705	531	\$26,414	\$102,381	\$689,617
Maine	2,301	746	1,555	801,252	70	1,354.11	44,065	517	25,636	101,334	689,617
Massachusetts...	39	38	6	5,925	5	121.47	4,100	14	778	1,047	-----

STATES.	PRODUCTS (FISH).									
	Total.		Sold or used for the manufacture of oil.		Sold or used for bait.		Sold for fertilizing purposes.		Sold for canning or packing.	
	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
Total	33,725,812	\$1,188,652	648,105	\$6,100	2,845,888	\$10,901	3,451,000	\$8,881	7,369,510	\$35,044
Maine	33,184,112	1,183,079	648,105	6,100	2,070,888	14,801	3,451,000	8,881	7,322,310	34,454
Massachusetts...	541,700	5,573	-----	-----	175,000	2,100	-----	-----	47,200	500

STATES.	PRODUCTS (FISH)—continued.											
	Canned or packed.		Sold to be smoke cured.		Smoke cured.		Sold for food.		Salted and pickled, shipped in barrels.			
	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.		
Total.....	11,128,195	\$1,018,620	641,645	\$2,109	4,822,200	\$68,517	500,500	\$7,068	62,000	\$705	2,255,800	\$24,437
Maine.....	11,128,195	1,018,620	641,645	2,109	4,822,200	68,517	488,000	7,005	2,000	45	2,008,800	22,367
Massachusetts...	-----	-----	-----	-----	-----	-----	12,500	63	60,000	750	247,000	2,070

Of the product of the sea herring fishery, canned, packed, or smoke cured, the greater part was treated before leaving the possession of the fishermen, thus requiring a relatively large proportion of shore help and shore investment.

SHAD AND ALEWIFE FISHERY.

The reported value of the product of the shad and alewife fishery is \$5,071,898. The 10 leading states in the order of the reported value of their product are as follows (Pennsylvania and Delaware being of the same rank): Virginia, Maryland, North Carolina, Florida, New Jersey, Pennsylvania, Delaware, Massachusetts, South Carolina, and New York.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the shad and alewife fishery in 1889, by states and territories:

STATES AND TERRITORIES.	Persons employed. (a)	APPARATUS AND CAPITAL INVESTED.							
		Total investment.	Vessels.			Boats.		Minor apparatus.	Other capital, including shore property.
			Number.	Net tonnage.	Value.	Number.	Value.		
Total (b).....	27,407	\$2,758,411	144	2,338.71	\$187,255	13,034	\$530,405	\$1,202,531	\$709,220
Delaware.....	1,118	78,938	5	157.00	5,550	505	28,558	41,413	3,417
District of Columbia.....	102	29,663	4	58.83	6,400	29	931	16,332	.....
Florida.....	1,430	194,487	20	225.57	24,600	805	30,008	50,434	83,445
Georgia.....	130	5,465	1	10.51	890	105	1,030	2,945	000
Maine.....	1,106	75,306	10	150.20	2,240	535	8,200	46,794	17,976
Maryland.....	5,190	523,224	16	384.24	10,415	2,738	116,061	254,165	135,083
Massachusetts.....	843	154,121	10	213.83	7,050	428	14,077	91,430	40,058
Mississippi.....	52	2,097	.....	.....	.....	17	515	1,002	580
New Hampshire.....	11	632	.....	.....	.....	17	246	686	.....
New Jersey.....	3,497	404,106	0	103.27	7,800	1,498	104,180	158,349	223,827
New York.....	1,190	110,145	4	65.55	7,000	636	27,557	76,506	5,022
North Carolina.....	5,445	515,514	20	217.72	40,250	2,357	90,490	238,500	137,326
Pennsylvania.....	1,240	128,533	15	335.10	24,000	550	21,127	27,756	55,050
Rhode Island.....	205	57,185	7	126.20	13,700	184	8,222	30,328	4,085
South Carolina.....	1,330	55,181	0	166.06	15,300	714	15,116	15,706	9,050
Vermont.....	21	533	.....	.....	.....	10	208	325	.....
Virginia.....	4,422	332,981	8	118.48	15,400	1,920	62,984	203,794	50,743

STATES AND TERRITORIES.	PRODUCTS.							
	Total value.	Fish.						
		Shad.		Alewives.		Other species.		
		Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	
Total	\$5,071,898	50,071,113	\$2,418,051	84,145,532	\$584,513	69,452,685	\$2,041,783	\$27,551
Delaware.....	174,847	1,767,372	59,131	1,013,328	8,442	2,772,846	104,755	2,510
District of Columbia.....	26,028	170,900	4,754	1,230,000	7,417	221,185	13,857	.....
Florida.....	612,164	6,108,516	234,472	.....	.....	12,603,440	373,228	4,464
Georgia.....	16,270	115,000	10,208	3,200	120	154,830	5,051	.....
Maine.....	120,171	1,273,853	37,902	3,805,531	85,193	948,520	40,649	837
Maryland.....	765,013	8,422,049	252,006	36,693,714	185,444	5,807,081	310,200	7,207
Massachusetts.....	174,560	83,099	5,149	4,416,118	52,199	6,078,995	110,901	320
Mississippi.....	8,074	.....	.....	.....	.....	302,680	7,739	885
New Hampshire.....	2,374	.....	.....	111,500	1,905	5,700	469	.....
New Jersey.....	507,059	12,320,692	438,059	2,740,873	20,601	6,730,005	138,309	.....
New York.....	133,403	2,464,423	92,663	349,768	3,472	2,728,051	38,048	1,220
North Carolina.....	751,389	7,083,087	303,103	18,300,310	166,195	6,023,378	188,472	3,503
Pennsylvania.....	174,847	2,971,040	92,059	615,500	3,439	1,815,789	79,349	.....
Rhode Island.....	83,990	17,104	1,348	605,875	10,734	4,036,003	71,877	40
South Carolina.....	161,051	764,520	48,879	22,575	838	3,428,508	104,015	7,310
Vermont.....	1,801	40,000	1,000	.....	.....	17,850	801	.....
Virginia.....	1,278,820	15,350,708	747,072	14,638,240	88,424	14,907,509	443,087	227

a Fishermen; no shoresmen reported.

b For the year closing with July, 1890.

WHALE FISHERY.

The reported value of the product of the whale fishery in 1889 is \$1,821,178. The states in the order of the reported value of their product are as follows: Massachusetts, California, Washington, Connecticut, and New York.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the whale fishery in 1889, by states:

STATES.	Persons em- ployed. (a)	APPARATUS AND CAPITAL INVESTED.					
		Total invest- ment.	Vessels.			Boats.	
			Num- ber.	Net tonnage.	Value.	Num- ber.	Value.
Total	3,513	\$2,081,696	121	23,611.87	\$1,070,500	500	\$50,220
California.....	1,295	808,404	39	8,034.80	400,000	184	10,120
Connecticut.....	69	28,310	4	402.33	15,000	10	900
Massachusetts.....	1,030	1,131,427	71	14,808.02	567,300	311	30,220
New York.....	28	600	-	-	-	4	400
Washington.....	101	22,775	7	275.82	10,000	57	2,580

STATES.	APPARATUS AND CAPITAL INVESTED— continued.		PRODUCTS.		
	Minor appa- ratus.	Other capital, including shore property.	Total value.	Value of whale.	Value of fur seal and sea otter.
Total	\$111,208	\$831,708	\$1,821,178	\$1,607,875	\$123,303
California.....	45,480	373,255	773,010	688,416	85,304
Connecticut.....	3,073	9,337	20,084	12,074	8,610
Massachusetts.....	61,110	446,701	504,300	498,637	5,669
New York	200	—	8,748	8,748	—
Washington.....	1,270	2,325	23,830	—	23,830

a Fishermen; no shoresmen reported.

The product given includes the results of what is called shore whaling, in which a total of 25 whales were taken close to the coast without equipment for a voyage; also the sea otters and the seals that are taken on the voyages to whaling grounds.

The following table, prepared from schedules, but not elsewhere tabulated, shows the special products of the long voyage whale fishery in 1889, omitting those of the shore whaling and the catch of other mammalia:

PRODUCTS.	Quantity.	Value.
Total		\$1,081,167
Ambergris	pounds..	73
Ivory	do...	12,304
Sperm oil	gallons..	746,414
Whalebone	pounds..	282,882
Whale oil	gallons..	488,864

a Not including shore whaling or incidental products in other sea mammals, as otters and seals.

MENHADEN FISHERY.

The reported value of the product of the menhaden fishery in 1889 is \$1,817,878. The states in the order of the reported value of their product are as follows: New York, Rhode Island, Virginia, Connecticut, New Jersey, Maryland, Delaware, Maine, North Carolina, and Massachusetts.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the menhaden fishery in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.					
	Total.	Fisher-men.	Shores-men.	Total investment.	Vessels.			Boats.	
		Number.	Net tonnage.		Number.	Value.	Number.	Value.	
Total	3,500	1,004	1,500	\$2,433,207	150	6,071.21	\$763,285	430	\$64,828
Connecticut	188	98	90	101,355	6	278.35	45,600	28	2,137
Delaware	60	36	30	53,180	1	50.07	11,000	0	080
Maine	70	75	4	37,407	7	247.24	15,000	30	1,706
Maryland	75	40	35	49,920	2	138.00	14,000	5	620
Massachusetts	56	30	26	20,162	5	90.13	18,200	5	880
New Jersey	277	214	63	128,103	14	266.40	23,200	41	8,100
New York	1,036	510	520	1,010,836	25	1,381.44	274,000	98	14,510
North Carolina	40	40	.....	10,800	4	69.47	8,635	0	1,240
Rhode Island	715	345	370	487,815	24	1,170.27	170,300	80	11,880
Virginia	1,028	600	428	434,020	71	2,360.10	178,250	128	23,505

STATES.	APPARATUS AND CAPITAL INVESTED—continued.			FISH AND FISH PRODUCTS.			
	Minor apparatus.	Other capital, including shore property.	Total value.	Value of fish products.	Value of fish sold for bait.	Value of fish disposed of in other ways.	
Total	\$408,657	\$1,130,437	\$1,817,878	\$1,580,527	\$31,907	\$205,444	
Connecticut	17,218	120,500	120,490	114,400	925	5,165	
Delaware	7,200	34,300	16,000	16,000	.....	.....
Maine	7,501	12,510	14,063	1,216	98	12,700	
Maryland	5,000	30,300	44,300	44,300	.....	.....
Massachusetts	2,172	4,400	10,030	3,007	6,933	.....
New Jersey	40,153	50,050	111,234	47,002	17,102	47,130	
New York	170,100	500,580	628,212	600,305	657	18,250	
North Carolina	925	.....	13,080	.....	.....	13,080	
Rhode Island	140,735	146,000	508,342	475,300	6,152	26,800	
Virginia	68,473	104,311	351,177	269,757	100	81,320	

The menhaden is taken along the Atlantic seaboard from Maine to Florida. The refuse of the fish from which the oil has been extracted is used as a fertilizer, known in the crude state as fish scrap, or chum, and in a prepared form as fish guano.

OYSTER FISHERY.

The reported value of the product of the oyster fishery in 1889 is \$13,294,339, nearly one-third of the commercial product of all the fisheries. The 10 leading states in order of the value of their product are as follows: Maryland, Virginia, New York, New Jersey, Connecticut, Pennsylvania, Rhode Island, Louisiana, Texas, and North Carolina.

The following table presents the detail of persons employed, apparatus and capital invested, and products of the oyster fishery in 1889, by states:

STATES.	PERSONS EMPLOYED.			APPARATUS AND CAPITAL INVESTED.			
	Total.	Fisher-men.	Shores-men.	Total investment.	Vessels.		
		Number.	Net tonnage.		Value.		
Total (a).....	65,328	42,586	22,742	\$19,173,418	4,805	655,480.00	\$4,060,829
Alabama.....	386	155	181	60,126	102	1,020.00	32,956
Connecticut.....	1,789	1,005	784	4,578,688	212	2,554.00	403,300
Delaware.....	520	225	295	177,093	65	780.00	57,725
Florida.....	295	167	128	32,373	44	528.00	15,765
Georgia.....	249	13	236	103,601	12	120.00	13,550
Louisiana.....	709	540	109	102,278	34	340.00	18,115
Maine.....	13	0	4	9,548	1	15.00	5,000
Maryland.....	30,009	20,004	10,545	4,518,758	1,380	16,560.00	1,201,927
Massachusetts.....	301	120	181	140,201	30	585.00	15,752
Mississippi.....	615	416	199	104,880	130	1,390.00	44,380
New Jersey.....	3,020	2,832	788	2,172,109	590	7,080.00	608,004
New York.....	4,124	2,501	1,623	3,407,741	638	6,380.00	568,407
North Carolina.....	1,507	1,180	318	130,750	98	980.00	43,700
Pennsylvania.....	717	170	538	347,890	120	1,548.00	184,950
Rhode Island.....	234	136	98	298,620	15	180.00	28,100
South Carolina.....	100	154	36	87,277	5	60.00	11,424
Texas.....	430	300	130	177,641	102	1,620.00	58,505
Virginia.....	19,070	12,581	6,489	2,003,058	1,145	13,740.00	688,999

STATES.	APPARATUS AND CAPITAL INVESTED—continued.				PRODUCT (OYSTERS).	
	Boats.		Minor apparatus.	Other capital, including shore property.	Bushels.	Value.
	Number.	Value.				
Total (a).....	22,677	\$1,960,174	\$1,250,203	\$11,002,212	25,540,668	\$13,294,830
Alabama.....	136	2,040	2,080	21,841	246,525	83,828
Connecticut.....	945	50,300	70,324	4,054,068	1,278,742	1,115,017
Delaware.....	98	10,131	3,747	106,090	152,374	71,235
Florida.....	199	4,011	3,697	8,000	178,265	54,530
Georgia.....	57	981	3,895	85,265	57,374	10,403
Louisiana.....	573	60,320	11,780	72,063	524,858	243,813
Maine.....	5	208	1,000	3,340	5,500	8,250
Maryland.....	6,750	987,104	617,012	1,652,025	10,282,752	4,467,325
Massachusetts.....	340	11,900	4,035	108,604	112,382	127,720
Mississippi.....	62	4,307	22,318	33,875	700,281	120,922
New Jersey.....	1,470	86,836	95,056	1,981,614	1,613,052	1,301,339
New York.....	2,058	239,720	102,722	2,556,880	1,731,547	1,705,088
North Carolina.....	864	36,103	10,523	40,250	664,437	151,003
Pennsylvania.....	2	3,000	34,500	125,440	488,700	426,020
Rhode Island.....	208	19,858	4,700	251,782	104,187	250,700
South Carolina.....	100	5,423	8,105	67,325	49,188	27,029
Texas.....	11	1,585	31,243	86,218	488,421	180,515
Virginia.....	8,720	440,556	220,577	1,246,926	6,572,493	2,770,733

a For the year closing with May, 1890.

b Estimated.

While the fisheries are local, the canned products reach the remotest settlements.

The returns for oyster fisheries are for the season September, 1889, to May, 1890, inclusive.

The tonnage of vessels in the oyster fisheries was imperfectly gathered and the figures for tonnage are partly estimates, based on the relation of vessels reporting tonnage to all vessels engaged in the fishery.

Of the 4,805 vessels engaged in the oyster industry, 1,139, or nearly 24 per cent, were engaged in the transportation of oysters from the beds to market. They were distributed among the states as follows: Alabama, 14; Connecticut, 19; Delaware, 24; Louisiana, 36; Maine, 1; Maryland, 492; Massachusetts, 1; Mississippi, 1; New Jersey, 77; New York, 81; North Carolina, 68; Pennsylvania, 12; Rhode Island, 12; Virginia, 301.

SPONGE FISHERY.

The reported value of the product of the sponge fishery in 1889 is \$281,754. The state furnishing the sponge product is Florida.

The equipment for taking sponges is simple and inexpensive. Many small boats are used, carrying but 2 men or even but 1 man each, and the sponges are torn from the bottom of water so shallow that a pail with glass set in the bottom forms a rude apparatus with which to look for the sponges, and a pole with a hook at the end suffices to secure them.

CARP CULTURE.

The culture of carp was made a distinct subject of census inquiry, and the results are not included as a part of the general fisheries.

Table 2 gives, by states and territories, the general results of carp culture during the decade 1880 to 1889, showing the number of carp culturists, the number of successes and failures reported, the number of ponds and other bodies of water in which carp have been planted, the total number of carp planted, the amount of expense, and the total value of carp sold or used. No attempt has been made to trace carp culture back of the decade preceding the Eleventh Census year. Ponds stocked prior to 1880 and maintained without additional planting are not considered.

The number of successes and the number of failures when taken together will not equal the number of persons reported as being engaged in carp culture. The difference will be the number of reports where it was impossible to determine whether carp culture had been a success or failure with the party making the report, and all reports where carp were first planted in 1889.

TABLE I.—FISHERIES, BY STATES

STATES AND TERRITORIES.	Year.	AGGREGATES.			PERSONS EMPLOYED.		APPARATUS AND CAPITAL INVESTED.		
		Persons employed.	Capital invested.	Value of products. (a)	Fisher- men.	Shores- men.	Vessels.		
							Number.	Net tonnage.	Value.
1 The United States (b).	1889	163,348	\$43,602,123	\$44,277,514	136,065	26,083	7,257	174,020,74	\$11,133,265
	1880	131,426	37,055,349	42,740,163	101,084	29,742	6,005	208,297,82	9,357,282
2 Alabama.....	1889	848	82,621	104,427	607	181	103	1,050,42	34,750
	1880	635	38,200	119,275	545	90	24	317,20	14,585
3 Alaska (c).....	1889	1,887	904,898	1,873,790	1,742	95	49	10,812,18	700,500
	1880	6,130	447,000	2,661,640	6,000	130	.....	.....	.....
4 Arkansas.....	1889	207	17,830	74,028	207	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
5 California.....	1889	4,097	1,634,153	2,117,250	4,007	.....	144	9,030,58	524,286
	1880	3,084	1,189,075	a1,558,714	2,089	1,005	49	5,216,80	535,360
6 Colorado.....	1889	27	673	4,564	27	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
7 Connecticut.....	1889	3,252	5,072,274	1,087,737	3,376	870	805	4,954,20	580,000
	1880	3,181	1,421,020	1,450,896	2,585	546	201	9,215,05	514,050
8 Delaware.....	1889	1,081	815,109	310,181	1,050	825	71	900,07	74,275
	1880	1,979	268,281	997,095	1,002	817	60	1,220,00	51,000
9 District of Columbia.....	1889	102	23,063	20,028	102	.....	4	50,88	6,400
	1880	.....	.....	.....	.....	.....	.....	.....	.....
10 Florida.....	1889	3,537	631,277	1,420,328	3,370	158	170	2,007,64	200,715
	1880	2,480	406,117	643,237	2,284	196	124	2,152,97	272,045
11 Georgia.....	1889	448	111,310	34,601	212	236	18	180,51	14,440
	1880	899	78,770	119,093	809	90	1	12,00	450
12 Idaho.....	1889	115	4,890	58,005	115	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
13 Illinois.....	1889	799	96,780	248,527	790	.....	1	26,00	7,000
	1880	300	83,400	60,100	265	85	3	209,73	8,500
14 Indiana.....	1889	292	39,528	60,441	202	.....	2	16,02	7,000
	1880	52	29,360	92,740	45	7	1	21,90	2,500
15 Indian territory.....	1889	13	743	1,897	13	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
16 Iowa.....	1889	848	27,900	155,079	848	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
17 Kansas.....	1889	175	7,687	27,853	175	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
18 Kentucky.....	1889	874	26,884	86,144	874	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....
19 Louisiana.....	1889	911	183,876	289,684	742	169	44	605,48	27,015
	1880	1,597	93,621	302,610	1,800	207	40	539,09	20,821
20 Maine.....	1889	12,597	2,502,700	8,046,980	10,944	1,503	423	13,502,41	501,520
	1880	11,071	8,375,994	8,014,178	8,110	2,061	600	17,032,05	638,542
21 Maryland.....	1889	36,436	5,118,843	5,054,024	25,856	10,580	1,308	17,083,20	1,202,342
	1880	26,008	6,842,448	5,221,715	15,873	10,135	1,450	43,500,00	1,750,000
22 Massachusetts.....	1889	16,250	7,483,193	6,367,033	15,093	557	933	61,200,05	3,147,017
	1880	20,117	14,384,450	a8,187,860	17,165	2,952	1,054	88,232,17	3,171,180
23 Michigan.....	1889	8,160	1,030,248	1,090,581	8,113	47	48	735,62	151,750
	1880	1,781	442,685	716,170	1,800	181	86	914,42	98,500
24 Minnesota.....	1889	474	47,039	98,706	474	.....	2	26,29	5,500
	1880	85	10,160	5,200	30	5	1	33,59	5,000
25 Mississippi.....	1889	1,014	133,951	220,387	811	203	148	1,407,30	50,580
	1880	186	8,800	22,540	110	76	.....	.....	.....
26 Missouri.....	1889	504	30,294	128,008	504	.....	.....	.....	.....
	1880	.....	.....	.....	.....	.....	.....	.....	.....

^a Marine salt, reported in 1880 with fisheries, not here included.^b Includes inland fisheries, with a product of \$1,554,359, not counted in 1880.

AND TERRITORIES: 1880 AND 1889.

APPARATUS AND CAPITAL INVESTED-- continued.			VALUE OF PRODUCTS.						
Boats.		Value of minor apparatus.	Other capital, including shore property.	General fisheries.	Whale fisheries.	Seal fisheries.	Menhaden fisheries.	Oyster fisheries.	Sponge fisheries.
Num- ber.	Value.								
80,201 44,804	\$4,826,150 2,405,393	\$8,363,402 8,145,201	\$10,270,246 17,087,413	\$26,747,440 22,405,018	\$1,697,875 2,323,043	\$408,228 2,280,813	\$1,817,978 2,110,787	\$10,204,930 18,403,852	\$281,754 200,750
014 110	9,336 10,215	10,088 7,000	21,841 6,400	80,500 74,325	.....	.....	.....	89,828 44,050	.....
722 3,000	91,818 66,000	112,580 7,000	380,000	1,058,805 504,540	500	314,925 2,000,500	.....	.....	.....
312	6,410	12,420	.....	74,620	.....	.....	.....	.....	.....
2,312 833	313,808 91,485	843,644 205,840	452,925 807,000	1,343,640 1,341,314	688,416 201,060	85,104 15,750	.....	.....	.....
10	248	425	.....	4,504	.....	.....	.....	.....	.....
2,127 1,173	128,414 73,585	155,577 375,535	4,201,323 457,850	431,546 383,887	12,074 32,048	8,610 111,851	120,480 256,205	1,115,017 072,875	.....
811 830	42,181 38,227	64,806 70,324	143,807 113,080	222,040 300,020	.....	.....	16,000 941	71,285 687,725	.....
20	931	16,332	.....	26,028	.....	.....	.....	.....	.....
1,085 1,058	95,757 28,508	131,445 39,027	203,300 65,017	1,003,044 420,527	.....	.....	.....	54,530 15,050	281,754 200,750
243 058	3,207 15,425	7,807 18,445	85,865 44,450	24,138 84,003	.....	.....	.....	10,463 85,000	.....
120	2,141	2,749	.....	58,605	.....	.....	.....	.....	.....
857 101	20,648 2,000	56,437 11,000	12,700 61,000	248,527 60,100	.....	.....	.....	.....	.....
349 15	6,940 1,650	24,002 20,210	615 5,000	60,441 32,740	.....	.....	.....	.....	.....
10	61	682	.....	1,607	.....	.....	.....	.....	.....
401	6,373	21,527	.....	155,070	.....	.....	.....	.....	.....
194	2,132	5,555	.....	27,653	.....	.....	.....	.....	.....
506	0,088	17,700	.....	86,144	.....	.....	.....	.....	.....
706 165	66,884 4,800	17,314 18,000	72,063 50,000	46,371 192,010	.....	.....	.....	248,313 200,000	.....
9,397 5,920	205,320 245,624	597,344 934,593	1,078,525 1,502,285	8,024,686 9,570,078	.....	.....	14,063	8,250 37,500	.....
10,009 2,825	1,122,888 186,448	886,105 207,146	1,818,008 4,108,860	1,142,889 479,988	.....	.....	44,860 11,861	4,467,825 4,730,476	.....
8,928 6,740	394,178 351,736	1,548,946 8,528,025	2,398,052 7,282,900	5,284,068 5,581,204	988,037 2,080,307	5,600	10,030 61,700	127,728 405,550	.....
1,578 454	82,282 10,345	500,650 272,920	208,586 80,900	1,090,581 716,170	.....	.....	.....	.....	.....
500 10	11,885 800	28,058 3,760	1,500 500	98,706 5,200	.....	.....	.....	.....	.....
918 58	14,581 4,000	84,885 1,600	34,455 2,000	91,065 12,540	.....	.....	.....	120,822 10,000	.....
601	10,080	20,214	.....	128,008	.....	.....	.....	.....	.....

a Alaska, 1890, imperfect returns.

TABLE 1.—FISHERIES, BY STATES AND

TERRITORIES: 1880 AND 1889—Continued.

APPARATUS AND CAPITAL INVESTED— continued.			VALUE OF PRODUCTS.						
Boats.		Value of minor apparatus.	Other capital, including shore property.	General fisheries.	Whale fisheries.	Seal fisheries.	Mehaden fisheries.	Oyster fisheries.	Sponge fisheries.
Number.	Value.								
41	\$716	\$554		\$7,980					27
106	1,134	1,987		20,410					28
81	1,725	540		21,856					29
355 211	8,808 7,780	29,563 60,385	\$7,583 89,800	148,576 170,634				\$6,050	30
5,830 4,065	331,435 223,983	377,313 232,339	1,682,063 490,000	1,628,320 949,678			\$111,234 146,286	1,391,339 2,080,625	31
8	140	272		2,783					32
5,280 3,441	403,226 289,885	527,964 390,200	3,141,979 1,171,900	1,306,787 1,689,357	\$8,748		628,212 1,114,158	1,765,088 1,577,060	33
4,132 2,714	160,271 123,175	282,905 225,436	179,100 118,050	1,186,061 785,287	408		13,980	151,903 60,000	34
9	113	130		890					35
1,078 487	90,559 29,830	552,373 258,795	574,896 151,775	746,396 518,420					36
1,538 1,360	169,857 246,600	419,222 245,750	262,120 630,000	1,186,188 2,776,724			\$4,300		37
1,046 155	58,735 13,272	153,883 40,538	290,587 55,500	477,985 132,550				425,020 187,500	38
1,320 734	90,810 61,245	238,955 188,733	411,892 204,850	395,412 302,242			508,342 221,748	256,700 356,925	39
1,114 501	22,384 9,790	20,084 25,985	76,384 15,500	178,816 102,482				27,029 20,000	40
52	935	1,207		10,866					41
493	5,207	10,906		58,337					42
310 167	21,138 15,000	48,654 4,400	86,218 23,000	174,502 81,000			189,515 47,300		43
10	150	238		5,167					44
96	1,714	2,022		12,825					45
11,706 6,618	548,733 292,720	535,432 500,763	1,462,395 489,086	1,688,315 602,239			351,177 303,829	2,776,733 2,218,376	46
1,789 334	126,130 6,610	335,960 8,648	247,419 4,000	1,084,017 109,960			23,830 61,412	10,000	47
49	713	1,783		4,698					48
940 819	36,439 24,975	200,305 145,165	38,500 20,000	455,030 253,100					49
		83		287					50

TABLE 2.—CARP CULTURE, FOR THE DECADE ENDING 1890, BY STATES AND TERRITORIES. (a)

STATES AND TERRITORIES.	Number of carp culturists.	Number of ponds and other bodies of water in which carp have been planted.	Total number of carp planted.	Number of successes reported.	Number of failures reported.	Amount of expense.	Total value of carp sold or used.
The United States	29,450	36,558	4,574,588	12,712	14,142	\$1,043,841	\$284,650
Alabama	431	503	26,324	158	236	13,350	8,052
Arizona	44	57	10,269	22	18	9,197	1,370
Arkansas	155	174	8,360	60	81	5,051	521
California	199	296	18,813	128	62	24,083	9,121
Colorado	116	181	140,973	68	26	13,728	23,156
Connecticut	196	220	14,380	57	132	4,053	457
Delaware	57	77	23,128	11	42	584	61
District of Columbia	14	18	894	1	12	75	2
Florida	92	110	4,008	23	67	1,116	72
Georgia	1,524	1,988	187,043	593	838	67,327	20,902
Idaho	39	62	7,558	19	12	2,932	742
Illinois	1,763	2,090	202,881	658	935	63,071	12,384
Indiana	2,191	2,987	756,710	1,276	698	101,517	38,548
Indian territory	10	10	170	.....	8	70	.....
Iowa	760	833	72,758	240	409	29,798	4,357
Kansas	1,164	1,490	169,682	484	567	53,637	12,183
Kentucky	972	1,293	59,084	430	463	7,273	4,449
Louisiana	68	75	8,998	18	51	2,158	95
Maine	65	70	1,110	12	53	398	100
Maryland	353	427	51,741	134	203	8,832	1,114
Massachusetts	177	209	28,826	41	121	1,790	563
Michigan	432	505	50,786	160	190	12,548	1,756
Minnesota	155	170	9,263	15	107	3,426	7
Mississippi	500	603	21,640	136	337	11,642	1,769
Missouri	1,554	1,930	175,211	659	735	48,455	7,083
Montana	37	41	1,524	3	27	876	4
Nebraska	403	501	80,840	142	177	31,385	5,647
Nevada	39	50	3,506	21	13	4,945	237
New Hampshire	37	41	1,188	7	30	322	14
New Jersey	258	250	23,308	104	149	5,026	1,269
New Mexico	38	55	10,713	21	13	5,184	5,617
New York	854	997	102,901	288	508	15,710	3,258
North Carolina	1,751	2,257	201,298	804	817	51,572	15,008
North Dakota	15	16	350	1	10	300	3
Ohio	8,268	4,168	656,004	1,832	1,187	119,620	36,805
Oklahoma .....	.....	.....	.....	.....	.....	.....	.....
Oregon	148	178	27,913	39	93	7,073	880
Pennsylvania	8,267	8,885	765,910	1,521	1,516	127,101	28,610
Rhode Island	29	23	798	5	19	80	.....
South Carolina	788	1,008	70,195	230	520	23,708	3,058
South Dakota	47	57	27,751	6	32	8,880	89
Tennessee	1,115	1,388	151,968	613	892	27,079	12,613
Texas	881	1,073	63,588	227	620	36,214	8,495
Utah	492	551	39,846	185	216	20,180	8,644
Vermont	79	91	8,058	15	55	315	442
Virginia	1,885	2,230	194,089	884	846	40,897	15,036
Washington	88	98	3,081	39	41	2,277	700
West Virginia	468	570	20,024	240	203	11,492	1,590
Wisconsin	487	561	65,619	136	237	17,365	1,773
Wyoming	11	10	1,100	1	9	1	1

^a Not included in the table for general fisheries.

TRANSPORTATION.

TRANSPORTATION.

The statistics of transportation are divided into three groups: Transportation by land, embracing steam railroads and street railways; Transportation by water, embracing (1) the Atlantic coast and Gulf of Mexico, (2) the Pacific coast, (3) the Great Lakes, St. Lawrence river, and Lake Champlain, (4) the Mississippi valley, (5) Canals; and Express Companies, covering transportation both by land and water.

STEAM RAILROADS.

The steam railroad mileage in the United States on June 30, 1890, was 163,562.12, and on June 30, 1880, it was 87,724.08, an increase of 86.49 per cent. The larger increases in mileage during the decade, given in descending order, were in the states of Texas, Kansas, North and South Dakota (combined in 1890 to compare with Dakota territory in 1880), Iowa, Michigan, Nebraska, Colorado, Wisconsin, Illinois, Ohio, Pennsylvania, Minnesota, California, Missouri, Montana, and Georgia, all having an increase of over 2,000 miles.

The number of locomotives in 1890 was 30,153, and in 1880, 17,391, an increase of 12,762; the number of passenger and freight cars in 1890 was 1,107,646, and in 1880, 549,872, an increase of 557,774; and the number of employés in 1890 was 750,017, and in 1880, 418,957, an increase of 331,060.

During the fiscal year ending June 30, 1890, the number of passengers carried was 498,070,093, and the number of tons of freight moved 640,452,548; during the fiscal year ending June 30, 1880, the number of passengers carried was 240,747,900, and the number of tons of freight moved 326,713,946, an increase during the decade of 257,322,193 passengers and of 313,738,602 tons of freight.

STREET RAILWAYS.

The length of street railway lines in the United States increased 3,733.31 miles, or 182.10 per cent, from 1880 to 1890, the total length of lines in 1890 being 5,783.47 miles, and in 1880, 2,050.16 miles.

Statistics of street railways have not been given in previous census reports.

On July 1, 1890, the number of passenger cars was 32,505, divided as to motive power as follows: animal, 22,408; cable, 5,089; electric, 2,895; steam, 2,113; the number of employés was 70,764, and the number of passengers carried during the year ending June 30, 1890, was 2,023,010,202.

TRANSPORTATION BY WATER.

The total number of steamers, sailing vessels, and unrigged craft registered in the ports of the United States on December 31, 1889, embraced in the tables pertaining to the Atlantic coast and Gulf of Mexico, the Pacific coast, the Mississippi valley, and the Great Lakes, was 25,545; the total freight movement by these vessels was 172,343,506 tons, and the number of employés making ordinary crews was 114,736. The number of passengers carried by steamers and ferryboats in 1889 on the Atlantic coast and

894 COMPENDIUM OF THE ELEVENTH CENSUS: 1890.

Gulf of Mexico was 170,225,458; on the Pacific coast, 4,019,329; on the Mississippi valley, 10,858,894; and on the Great Lakes, St. Lawrence river, and Lake Champlain, 2,323,132.

The total number of miles operated of state and corporation canals, United States Government canals, and canalized rivers in 1890 was 3,383.27, and in 1880, 3,235.78. The total freight movement in 1889 was 48,668,325 tons, and in 1880, 21,044,292 tons.

EXPRESS COMPANIES.

The total operated milage by express companies in 1890 was 174,534.51, and in 1880, 102,816.75, an increase of 71,717.76 miles; the mileage operated over railroads in 1890 was 160,597.51, and in 1880, 90,649.75, an increase of 69,947.76 miles; over water lines in 1890, 10,882.00, and in 1880, 7,036.00, an increase of 3,846.00 miles; and over stage lines in 1890, 3,055.00, and in 1880, 5,131.00, a decrease of 2,076.00 miles.

The total number of employés in the service of express companies on June 30, 1890, was 45,718.

TRANSPORTATION BY LAND.

STEAM RAILROADS.

GEOGRAPHICAL GROUPS.

- Group I.—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
- Group II.—New Jersey, Delaware, Maryland, District of Columbia, and so much of New York, Pennsylvania, and West Virginia as lies east and north of a line from Buffalo, N. Y., to Salamanca, N. Y.; thence following the county lines to Pittsburg, Pa.; thence following the Ohio river to Parkersburg, W. Va.; thence across West Virginia to the south end of the west boundary of Maryland.
- Group III.—Ohio and Indiana, the southern peninsula of Michigan, and so much of Pennsylvania and New York as lies west of a line from Pittsburg, Pa., to Buffalo, N. Y., via Salamanca, N. Y.
- Group IV.—Virginia; West Virginia, exclusive of the portion in Group II; North Carolina, and South Carolina.
- Group V.—Kentucky, Tennessee, Mississippi, Alabama, Georgia, and Florida.
- Group VI.—Illinois, Wisconsin, northern peninsula of Michigan, Minnesota, Iowa, North Dakota and South Dakota east of the Missouri river, and Missouri north of the Missouri river.
- Group VII.—Montana, Wyoming, Nebraska, and that portion of the Dakotas west of the Missouri river, and that portion of Colorado north of the latitude of Denver.
- Group VIII.—That part of Missouri south of the Missouri river, Arkansas, Kansas, Indian territory, Oklahoma, that part of Colorado south of the latitude of Denver, that portion of New Mexico north of Santa Fe, and that portion of Texas north of a line from Santa Fe to the southwest corner of Indian territory.
- Group IX.—Louisiana, Texas (except that portion allotted to Group VIII), and that portion of the territory of New Mexico lying south of a line from Santa Fe eastward to the southwest corner of Indian territory and east of a line from Santa Fe to El Paso.
- Group X.—California, Oregon, Nevada, Washington, Idaho, Arizona, Utah, and that portion of New Mexico lying west of a line from Santa Fe to El Paso, and south of a line from Santa Fe to the northwestern corner of the territory.

SUMMARY OF STEAM RAILROAD MILEAGE IN THE UNITED STATES JUNE 30, 1890, BY STATES AND TERRITORIES.

The United States.	163,562.12	Massachusetts.....	2,089.31	South Carolina.....	2,210.97
Alabama.....	3,310.73	Michigan.....	7,235.42	South Dakota.....	2,470.94
Arkansas.....	2,204.81	Minnesota.....	5,379.50	Tennessee.....	2,732.87
California.....	4,356.11	Mississippi.....	2,332.03	Texas.....	8,630.92
Colorado.....	4,176.19	Missouri.....	5,886.82	Vermont.....	921.49
Connecticut.....	1,007.29	Montana.....	2,181.04	Virginia.....	3,189.10
Delaware.....	315.29	Nebraska.....	5,300.35	Washington.....	1,774.62
Florida.....	2,470.89	Nevada.....	924.87	West Virginia.....	1,315.35
Georgia.....	4,557.46	New Hampshire.....	1,141.29	Wisconsin.....	5,639.88
Illinois.....	10,071.31	New Jersey.....	2,052.36	Arizona.....	1,096.64
Indiana.....	5,970.53	New York.....	7,652.74	District of Columbia.....	30.24
Iowa.....	8,602.29	North Carolina.....	2,960.56	Idaho.....	944.91
Kansas.....	8,806.45	North Dakota.....	2,003.79	Indian territory.....	1,046.20
Kentucky.....	2,753.19	Ohio.....	7,903.97	New Mexico.....	1,324.33
Louisiana.....	1,734.94	Oregon.....	1,433.29	Oklahoma.....	167.96
Maine.....	1,346.29	Pennsylvania.....	8,414.91	Utah.....	1,085.14
Maryland.....	1,250.14	Rhode Island.....	212.52	Wyoming.....	941.88

COMPENDIUM OF THE ELEVENTH CENSUS: 1890.

TABLE 1.—INCOME AND EXPENDITURES OF STEAM RAILROADS DURING THE YEAR ENDING JUNE 30, 1890.

[Reported for 160,433.84 miles, single track.]

ITEMS.	Amount.	Total.	Aggregate.
Income:			
Earnings from transportation.....	\$77,792,343.28	\$1,074,104,550.13	
Income from lease of road	52,439,057.72		
Income from all other sources.....		130,281,401.10	
Total income.....			\$1,204,335,951.23
Expenditures:			
Transportation expenses.....	705,914,954.87		
General expenses of lessor companies.....	2,454,542.80		
Fixed charges: interest on funded debt.....	216,866,752.73		
interest on current liabilities.....	8,798,010.57		
rentals.....	92,372,287.41		
taxes.....	31,013,020.10		
permanent improvements.....	5,184,056.76		
other deductions.....	20,127,746.34		
Total expenditures.....		1,089,656,971.58	
Deduct expenditures of some companies over income.....		30,025,133.19	
Net income.....			1,059,031,838.39
Payments from net income:			
Dividends declared.....	87,723,726.60		
Other payments from net income.....	6,019,066.87		
Less payments by companies having no net income.....		94,342,793.56	
		6,073,053.83	
Surplus			88,207,439.73
			a56,436,673.11

a Against this surplus of some companies stand \$36,100,487.02 of deficits of other companies.

TABLE 2.—INCOME AND EXPENDITURES OF STEAM RAILROADS DURING THE YEAR ENDING JUNE 30, 1890, BY GEOGRAPHICAL GROUPS.

[Reported for 160,433.84 miles, single track.]

GEOGRAPHICAL GROUPS.	Income.	Expenditures.	Expenditures over income.	Net income.	Dividends declared.
Total.....	\$1,204,335,951.23	\$1,089,656,971.58	\$30,025,133.19	\$144,704,112.84	\$87,723,726.69
Group I.....	85,648,031.17	72,742,941.84	408,053.29	13,314,042.02	10,772,423.14
Group II.....	322,646,802.84	232,535,968.75	5,466,023.81	45,576,857.90	29,309,542.21
Group III.....	182,376,669.84	164,204,484.22	5,002,027.74	28,174,278.36	11,747,057.26
Group IV.....	41,644,707.14	39,718,225.48	2,030,061.56	3,956,543.22	2,371,777.00
Group V.....	87,005,708.83	80,347,485.04	3,669,938.63	10,287,621.52	a6,066,482.06
Group VI.....	215,432,079.26	192,416,213.60	8,704,856.89	26,720,822.55	17,451,105.02
Group VII.....	48,842,020.88	43,815,262.17	5,025,375.28	5,731,733.04	2,703,398.33
Group VIII.....	97,761,737.82	92,493,419.88	4,480,422.75	9,757,701.19	4,727,223.76
Group IX.....	42,080,884.85	42,164,953.82	1,886,826.97	3,172,758.00	2,636.00
Group X.....	80,895,158.05	79,218,016.38	2,754,528.27	4,431,668.54	1,969,052.91

GEOGRAPHICAL GROUPS.	Other payments from net income.	Total payments from net income.	Surplus.	Deficit.
Total	\$0,619,066.87	\$94,342,793.56	\$56,436,673.11	\$36,100,487.02
Group I.....	287,421.04	11,059,844.18	2,792,000.24	946,464.09
Group II.....	4,345,036.00	33,055,229.11	12,531,804.15	-6,076,199.17
Group III.....	589,257.37	12,836,814.03	11,390,850.73	5,554,079.74
Group IV.....	a145,204.84	a2,516,981.94	1,406,648.43	2,087,148.11
Group V.....	227,991.93	6,894,473.99	8,668,532.57	3,904,783.07
Group VI.....	320,489.41	17,777,594.43	10,963,646.82	5,724,775.59
Group VII.....	603.48	2,704,001.81	4,286,037.49	1,912,680.04
Group VIII.....		4,727,223.70	5,082,531.75	4,491,387.07
Group IX.....	c23,362.89	c28,997.80	1,743,760.11	1,856,826.97
Group X.....	673,049.51	2,642,132.42	2,580,251.82	3,545,241.97

a Partly from other funds than net income during census year.

b Deficit of \$84,068.97.

c From other funds than net income during census year.

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TABLE 3.—ASSETS AND LIABILITIES OF STEAM RAILROADS JUNE 30, 1890.

BALANCE SHEET.

[Reported for 156,664.54 miles, single track.]

ASSETS.			LIABILITIES.		
ITEMS.	Amount.	Total.	ITEMS.	Amount.	Total.
Permanent investments:			Capital stock:		
Construction of roads.....	\$7,202,444,545.11		Capital stock paid in— preferred.....	\$663,618,843.26	
Equipment.....	838,263,250.32		Capital stock paid in— common.....	3,704,495,276.77	\$4,368,114,120.03
Lands (including buildings and telegraph lines).....	79,000,800.08				
Stock (of other companies).....	590,978,214.65		Funded debt:		
Bonds (of other companies).....	235,932,326.21		Mortgage bonds.....	4,199,968,423.40	
Other permanent investments.....	405,334,700.80		Miscellaneous obligations.....	308,612,205.43	
Cash and current assets:			Income bonds.....	122,892,555.25	
Cash.....	87,383,083.30				4,631,473,184.08
Bills receivable.....	31,296,026.52				
Due from agents and companies.....	118,424,240.75		Unfunded debt:		
Debit balances.....	51,350,720.30		Interest accrued but unpaid.....	156,353,679.07	
Material and supplies.....	68,590,275.70		Dividends unpaid.....	12,657,336.89	
Sinking fund.....	72,975,196.52		Notes payable.....	121,049,151.36	
Other assets.....	145,481,208.34		Vouchers and accounts.....	164,966,332.59	
Profit and loss (reported by some companies).....		575,500,697.43	Rentals and miscellaneous.....	266,617,656.85	
		157,406,170.75			720,644,156.76
Total assets.....		10,085,940,723.15	Profit and loss (reported by other companies).....		365,709,262.23
			Total Liabilities.....		10,085,940,723.15

TABLE 4.—TRANSPORTATION EARNINGS OF STEAM RAILROADS DURING THE YEAR ENDING JUNE 30, 1890.

[Reported for 160,433.84 miles, single track.]

ITEMS.	Amount.	Total.
Local passengers.....	\$114,005,421.17	
Through passengers.....	43,380,197.17	
Unsegregated passengers.....	108,215,102.46	
Total passenger revenue.....	265,600,720.80	
Express.....	20,488,832.73	
Mails.....	23,713,982.26	
Other items assignable to passenger service.....	5,072,540.39	
Total passenger service earnings.....		\$314,885,050.23
Local freight.....	197,468,611.64	
Through freight.....	177,593,512.36	
Unsegregated freight.....	896,208,556.98	
Total freight revenue.....	731,270,700.38	
Other items assignable to freight service.....	3,255,026.43	
Total freight service earnings.....		734,525,726.81
Other earnings from operation.....		24,693,767.09
Aggregate transportation earnings.....		1,074,104,550.13

TABLE 5.—TRANSPORTATION EXPENSES OF STEAM RAILROADS DURING THE YEAR ENDING JUNE 30, 1890.

[Reported for 160,433.84 miles, single track.]

ITEMS.	Amount.	Total.
Maintenance of way and structure.....	\$156,101,949.62	
Maintenance of equipment.....	115,989,501.24	
Passenger transportation.....	113,905,437.00	
Freight transportation.....	247,018,344.86	
General expenses.....	72,890,722.15	
Aggregate operating expenses.....		\$705,014,954.87

TABLE 6.—EQUIPMENT OF STEAM RAILROADS JUNE 30, 1890, BY GEOGRAPHICAL GROUPS.

[Reported on 150,576.00 miles, single track.]

GEOGRAPHICAL GROUPS.	LOCOMOTIVES.				CARS.				
	Total.	Freight.	Passenger.	Switching, etc.	Total. (a)	Passenger. (b)	Freight.	In com- pany's service.	In fast freight service.
Total.....	30,153	16,819	9,183	4,151	1,014,762	27,053	987,109	32,484	60,400
Group I.....	2,023	808	929	288	46,362	3,388	42,974	2,305	4,418
Group II.....	7,618	4,428	2,269	921	318,580	8,193	310,387	10,786	27,329
Group III.....	5,005	2,781	1,360	924	181,359	3,842	177,517	4,037	22,525
Group IV.....	1,206	599	488	110	87,839	1,099	86,330	1,473	84
Group V.....	2,405	1,408	679	318	73,151	2,076	71,075	2,424	20
Group VI.....	5,001	3,240	1,543	878	198,407	4,024	194,383	5,940	5,369
Group VII.....	1,080	604	270	140	28,685	745	27,940	1,124	415
Group VIII.....	2,703	1,496	886	351	73,134	2,112	71,022	2,174	—
Group IX.....	1,080	654	308	127	30,297	811	29,486	828	4
Group X.....	1,303	743	475	85	27,448	1,453	25,995	1,303	232

^a Exclusive of cars in company's service, of cars in fast freight service, and of cars leased.^b Including mail, express, and passenger cars.

TABLE 7.—EMPLOYÉS OF STEAM RAILROADS JUNE 30, 1890, BY GEOGRAPHICAL GROUPS.

[Reported on 150,576.00 miles, single track.]

GEOGRAPHICAL GROUPS.	Total.	General administra-tion.	Maintenance of way and structure.	Maintenance of equipment.	Conducting transpor-tation.
Total	750,017	30,361	233,582	149,646	336,428
Group I.....	52,687	1,829	14,076	7,810	28,072
Group II.....	199,696	6,948	52,737	41,623	68,298
Group III.....	119,256	4,126	32,211	24,587	58,332
Group IV.....	32,836	1,093	11,090	6,050	14,663
Group V.....	62,355	2,334	22,316	12,428	25,277
Group VI.....	140,203	6,014	46,147	29,137	58,905
Group VII.....	28,959	1,425	11,406	6,250	9,818
Group VIII.....	64,527	4,080	23,297	13,118	21,032
Group IX.....	24,239	1,130	9,830	4,396	8,883
Group X.....	25,349	1,382	10,412	4,247	9,308

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TABLE 8.—TRAIN MILEAGE OF STEAM RAILROADS DURING THE YEAR ENDING JUNE 30, 1890, BY GEOGRAPHICAL GROUPS.

[Reported for 152,586.77 miles, single track.]

GEOGRAPHICAL GROUPS.	Aggregate.	REVENUE TRAIN MILEAGE.				OTHER TRAIN MILEAGE.	
		Total.	Passenger trains.	Freight trains.	Mixed trains.	Switching trains.	Construction trains.
Total	919,717,063	741,015,946	282,216,059	428,302,712	30,497,175	142,120,591	36,581,126
Group I	69,773,159	50,957,035	27,635,619	22,147,014	1,174,402	10,344,600	2,471,434
Group II	241,471,302	192,130,814	75,016,480	112,686,917	4,436,417	42,032,811	7,298,737
Group III	160,528,161	126,322,894	47,206,007	74,434,767	4,682,120	29,756,597	4,448,600
Group IV	38,579,784	28,958,415	10,710,738	16,426,179	1,819,498	4,835,621	4,787,748
Group V	72,430,617	67,490,724	21,073,146	33,427,360	2,396,218	10,931,968	4,002,525
Group VI	172,380,308	146,220,308	48,964,498	91,297,103	5,958,707	21,432,143	4,736,857
Group VII	29,085,001	25,165,024	9,498,762	15,075,902	590,360	3,340,365	580,512
Group VIII	73,695,191	58,607,009	21,212,369	30,844,857	6,639,873	11,368,753	3,631,339
Group IX	32,743,764	25,828,750	7,970,861	16,583,917	1,273,972	4,276,500	2,638,614
Group X	35,020,426	29,231,883	12,827,579	15,378,696	1,525,608	3,803,748	1,984,800

TABLE 9.—TRAFFIC OF STEAM RAILROADS DURING THE YEAR ENDING JUNE 30, 1890, BY GEOGRAPHICAL GROUPS.

PASSENGER TRAFFIC.

[Reported for 153,183.49 miles, single track.]

GEOGRAPHICAL GROUPS.	PASSENGERS.			Passengers on roads reporting passenger mileage.	Total number of passengers carried 1 mile.
	Total.	Local.	Through.		
Total.....	498,070,093	429,852,084	68,218,000	495,291,812	11,992,112,154
Group I	110,738,835	103,395,574	7,343,261	110,614,878	1,726,440,972
Group II	191,146,034	184,688,422	39,457,612	193,972,316	3,352,084,718
Group III	58,926,482	51,201,002	7,125,480	57,933,564	1,750,115,768
Group IV	10,094,597	8,987,849	1,106,748	10,002,025	386,237,146
Group V	20,848,704	18,591,733	2,257,056	20,668,134	752,373,048
Group VI	57,002,443	53,705,353	3,297,000	56,378,074	1,830,630,048
Group VII	6,024,550	4,272,710	751,634	5,024,550	397,729,492
Group VIII	15,570,111	10,131,059	5,448,052	15,551,435	794,083,470
Group IX	5,232,830	4,147,126	1,085,704	5,232,830	292,629,782
Group X	21,076,417	20,731,245	345,172	19,913,976	700,771,510

FREIGHT TRAFFIC.

[Reported for 153,183.49 miles, single track.]

GEOGRAPHICAL GROUPS.	TONS.			Tons carried on roads reporting ton mileage.	Total number of tons carried 1 mile.
	Total.	Local.	Through.		
Total.....	640,452,548	292,088,560	348,363,988	627,963,606	79,172,464,796
Group I	39,475,504	17,874,100	21,601,314	39,470,575	2,812,882,398
Group II	237,203,176	80,976,743	156,310,433	232,487,179	26,352,048,519
Group III	139,372,456	62,454,563	76,917,893	138,052,305	16,587,290,953
Group IV	19,215,102	11,736,085	7,479,017	18,047,058	2,875,523,616
Group V	44,382,018	23,023,501	21,358,517	42,916,824	4,820,580,025
Group VI	94,036,235	64,051,684	29,984,551	92,009,181	14,024,642,937
Group VII	13,625,381	7,218,308	6,408,983	13,025,381	2,326,080,432
Group VIII	31,567,663	9,175,067	22,411,996	31,410,956	5,279,307,549
Group IX	11,398,302	7,201,094	4,197,208	9,447,071	2,085,543,231
Group X	10,066,711	8,376,035	1,690,076	9,813,076	2,007,059,676

STREET RAILWAYS.

TABLE 10.—ELECTRIC AND CABLE RAILWAYS BEGINNING OPERATIONS IN EACH YEAR FROM 1877 TO 1890.

YEARS.	Number of electric railways beginning operations.	Number of cable railways beginning operations.	YEARS.	Number of electric railways beginning operations.	Number of cable railways beginning operations.
			1883	1884	1885
Total.....	144	48	1883.....		2
			1884.....		4
			1885.....		4
			1886.....		4
1877.....		1			
1878.....		1	1887.....		6
1879.....		1	1888.....		11
1880.....			1889.....		9
1881.....			1890 (a).....		7
1882.....		2			

^a July 1.

TABLE 11.—COMPARATIVE RELATION OF STREET RAILWAY TRAFFIC TO POPULATION JULY 1, 1890, BY GEOGRAPHICAL DIVISIONS.

GEOGRAPHICAL DIVISIONS. (a)	Total population.	Total number of passengers carried during preceding year.	Average number of rides per inhabitant during preceding year.	Population in cities of 8,000 inhabitants or more.	Average number of rides per urban inhabitant during preceding year.
The United States.....	62,622,250	2,023,010,202	32	18,284,385	111
North Atlantic.....	17,401,545	1,141,187,460	66	9,015,383	127
South Atlantic.....	8,857,920	101,647,174	11	1,419,964	72
North Central.....	22,362,270	538,309,887	24	5,703,896	93
South Central.....	10,972,893	98,005,026	9	1,147,089	85
Western.....	3,027,613	143,800,655	48	908,053	158

^a The states composing the various geographical divisions are shown in Table 13, on the following page.

TABLE 12.—SUMMARY OF LENGTH OF LINES, TRAFFIC, EMPLOYÉES, AND COST OF STREET RAILWAYS JULY 1, 1890, CLASSIFIED ACCORDING TO MOTIVE POWER.

ITEMS.	Total.	MOTIVE POWER.			
		Animal.	Electric.	Cable.	Steam.
Length of lines (miles).....	5,783.47	4,061.94	914.25	283.22	524.06
Length of all tracks (miles).....	8,123.02	5,061.44	1,261.97	488.31	711.30
Number of passenger cars.....	32,505	22,408	2,895	5,089	2,113
Number of employés.....	70,704	44,814	6,619	11,673	8,158
Number of passengers carried during preceding year.....	2,023,010,202	1,227,756,815	134,905,994	373,492,708	286,854,685
Total cost.....	\$389,357,288.87	\$195,121,682.50	\$35,830,949.63	\$76,346,618.23	\$82,058,058.51

TABLE 13.—LENGTH OF STREET RAILWAYS JULY 1, 1890, CLASSIFIED ACCORDING TO MOTIVE POWER, BY STATES AND TERRITORIES.

STATES AND TERRITORIES.	STREET LENGTH IN MILES, BY MOTIVE POWER.					
	Total.	Animal.	Electric.	Cable.	Steam.	
					Elevated roads.	Surface roads.
The United States.....	5,783.47	4,061.94	914.25	283.22	68.84	455.22
North Atlantic division.....	2,063.94	1,658.51	273.22	47.27	63.64	21.30
Maine.....	36.16	32.98	3.18	—	—	—
New Hampshire.....	24.86	24.86	—	—	—	—
Vermont.....	13.33	13.33	—	—	—	—
Massachusetts.....	484.58	383.41	100.17	—	—	1.00
Rhode Island.....	61.34	54.45	3.89	3.00	—	—
Connecticut.....	90.94	77.77	13.17	—	—	—
New York.....	670.33	541.25	60.85	7.01	63.04	6.58
New Jersey.....	171.09	160.32	8.87	1.40	—	2.50
Pennsylvania.....	502.31	370.14	85.09	35.86	—	11.22
South Atlantic division.....	405.93	307.49	83.58	3.70	—	71.16
Delaware.....	9.12	6.12	3.00	—	—	—
Maryland.....	102.57	98.94	3.63	—	—	—
District of Columbia.....	45.22	32.52	9.00	3.70	—	—
Virginia.....	59.17	31.17	17.00	—	—	11.00
West Virginia.....	26.45	5.20	13.25	—	—	8.00
North Carolina.....	16.19	12.00	4.19	—	—	—
South Carolina.....	27.19	27.19	—	—	—	—
Georgia.....	157.48	75.21	33.51	—	—	48.76
Florida.....	22.64	19.14	—	—	—	3.40
North Central division.....	1,867.93	1,229.80	384.56	129.60	5.20	118.58
Ohio.....	340.48	219.85	98.82	21.81	—	—
Indiana.....	155.90	117.50	22.50	—	—	15.90
Illinois.....	327.59	254.73	31.88	34.35	—	6.63
Michigan.....	162.04	106.09	47.30	7.75	—	1.50
Wisconsin.....	107.25	73.49	28.43	—	—	5.33
Minnesota.....	104.42	70.57	10.84	5.01	—	18.00
Iowa.....	143.65	81.37	40.37	0.06	—	21.85
Missouri.....	225.07	116.13	25.49	55.52	—	27.93
South Dakota.....	30.37	17.35	7.37	—	—	5.05
Nebraska.....	124.91	90.06	29.75	4.50	—	—
Kansas.....	145.65	82.16	41.81	0.09	5.20	15.79
South Central division.....	773.05	550.88	81.63	—	—	131.59
Kentucky.....	131.00	126.50	4.50	—	—	—
Tennessee.....	132.40	60.94	45.38	—	—	26.08
Alabama.....	139.06	60.75	—	—	—	78.31
Mississippi.....	18.25	16.00	—	—	—	2.25
Louisiana.....	114.34	101.64	—	—	—	12.70
Texas.....	185.19	149.44	31.75	—	—	4.00
Arkansas.....	52.81	44.56	—	—	—	8.25
Western division.....	612.62	306.21	91.26	102.56	—	112.59
Montana.....	15.50	3.50	—	1.50	—	10.50
Wyoming.....	4.75	4.75	—	—	—	—
Colorado.....	99.06	49.70	23.37	21.50	—	5.00
New Mexico.....	3.50	3.50	—	—	—	—
Arizona.....	6.00	6.00	—	—	—	—
Utah.....	24.00	4.00	20.00	—	—	—
Washington.....	53.58	10.25	25.39	11.19	—	6.75
Oregon.....	50.49	16.69	8.75	5.30	—	19.75
California.....	355.14	207.73	18.75	63.07	—	70.59

TABLE 14.—ANNUAL INCREASE IN LENGTH OF STREET RAILWAYS IN THE UNITED STATES: 1880 TO 1890.

YEARS.	Length of lines, (Miles.)	INCREASE.	
		Number.	Per cent.
Total.....	3,733.31	182.10	
1880.....	2,050.16		
1881.....	2,150.00	99.93	4.87
1882.....	2,342.20	102.11	8.93
1883.....	2,506.14	163.94	7.00
1884.....	2,680.31	174.17	6.05
1885.....	2,938.29	257.98	9.63
1886.....	3,208.68	330.29	11.24
1887.....	3,890.22	621.64	19.02
1888.....	4,490.40	600.27	15.00
1889.....	5,285.11	785.02	17.46
1890(a).....	5,783.47	498.36	0.43

TABLE 15.—INCREASE IN LENGTH OF STREET RAILWAYS, BY GEOGRAPHICAL DIVISIONS: 1880 AND 1890.

GEOGRAPHICAL DIVISIONS.	LENGTH OF LINES. (MILES.)		INCREASE.	
	1890 (a)	1880	Number.	Per cent.
The United States.....	5,783.47	2,050.16	3,733.31	182.10
North Atlantic.....	2,063.94	1,035.80	1,028.34	99.30
South Atlantic.....	465.93	186.96	320.97	242.70
North Central.....	1,867.03	508.46	1,359.47	267.37
South Central.....	773.05	242.63	530.42	218.61
Western	612.02	127.51	485.11	380.45

TABLE 16.—INCREASE IN LENGTH OF STREET RAILWAYS, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1880 AND 1890.

CITIES.	LENGTH OF LINES. (MILES.)		INCREASE.	
	1890 (a)	1880	Number.	Per cent.
Total.....	2,505.70	1,323.81	1,181.89	69.28
Baltimore, Md.....	100.57	40.54	54.03	110.00
Boston, Lynn, and Cambridge, Mass.....	237.83	95.50	142.27	148.88
Brooklyn, N. Y.....	173.24	111.05	61.59	55.16
Buffalo, N. Y.....	44.30	25.44	18.86	74.14
Chicago, Ill.....	193.11	80.47	112.64	139.98
Cincinnati, Ohio.....	67.90	48.18	19.72	40.93
Cleveland, Ohio.....	88.38	20.41	61.97	234.65
Denver, Colo.....	70.12	8.00	71.12	880.00
Detroit, Mich.....	59.25	26.56	32.00	123.08
Indianapolis, Ind.....	45.00	15.00	30.00	200.00
Jersey city and Hoboken, N. J.....	46.65	15.40	31.25	202.02
Kansas city, Mo.....	60.42	9.50	50.92	630.74
Louisville, Ky.....	84.42	39.25	45.17	115.08
Milwaukee, Wis.....	52.75	11.41	41.34	362.31
Minneapolis, Minn.....	58.00	9.00	49.00	544.44
Newark and Elizabeth, N. J.....	62.50	37.54	25.05	60.73
New Orleans, La.....	112.59	81.80	30.70	37.40
New York, N. Y.....	180.56	180.55	50.01	38.31
Omaha, Neb.....	51.50	4.50	47.00	1,044.44
Philadelphia, Pa.....	276.94	258.17	18.77	7.27
Pittsburgh and Allegheny, Pa.....	65.95	38.63	27.32	70.72
Providence, R. I.....	44.95	35.30	9.65	27.31
Rochester, N. Y.....	85.83	13.02	22.81	175.19
St. Louis, Mo.....	115.25	68.20	51.06	82.10
St. Paul, Minn.....	25.27	6.00	19.27	321.17
San Francisco, Cal.....	89.11	57.08	32.03	56.11
Washington, D. C.....	45.22	20.47	15.75	53.44

^a July 1.

TABLE 17.—COMPARISON OF STREET RAILWAYS WITH POPULATION, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1880 AND 1890.

CITIES.	1890 (a)			1880		
	Population.	Length of lines. (Miles.)		Population.	Length of lines. (Miles.)	
		Total.	Per 1,000 inhabitants.		Total.	Per 1,000 inhabitants.
Total.....	9,005,127	2,505.70	0.25	6,844,807	1,323.81	0.19
Baltimore, Md.....	434,439	100.57	0.23	332,313	46.54	0.14
Boston, Lynn, and Cambridge, Mass.....	574,292	237.83	0.41	453,782	95.56	0.21
Brooklyn, N. Y.....	806,343	173.24	0.21	506,663	111.05	0.20
Buffalo, N. Y.....	255,004	44.30	0.17	155,134	25.44	0.16
Chicago, Ill.....	1,090,850	193.11	0.18	503,185	80.47	0.16
Cincinnati, Ohio.....	206,908	67.90	0.23	255,139	48.18	0.19
Cleveland, Ohio.....	261,353	88.38	0.34	160,146	26.41	0.16
Denver, Colo.....	106,713	79.12	0.74	35,029	8.00	0.22
Detroit, Mich.....	205,876	50.25	0.29	116,340	20.56	0.23
Indianapolis, Ind.....	105,430	45.00	0.43	75,056	15.00	0.20
Jersey City and Hoboken, N. J.....	206,051	46.05	0.23	151,721	15.40	0.10
Kansas City, Mo.....	132,716	69.42	0.52	55,785	0.50	0.17
Louisville, Ky.....	161,129	84.42	0.52	123,758	30.25	0.32
Milwaukee, Wis.....	204,408	52.75	0.26	115,587	11.41	0.10
Minneapolis, Minn.....	164,738	58.00	0.35	46,887	9.00	0.19
Newark and Elizabeth, N. J.....	219,504	62.50	0.29	104,737	37.54	0.23
New Orleans, La.....	242,039	112.59	0.47	216,090	81.89	0.38
New York, N. Y.....	1,615,301	180.50	0.12	1,206,299	130.55	0.11
Omaha, Neb.....	140,452	51.50	0.37	30,518	4.50	0.15
Philadelphia, Pa.....	1,046,864	276.04	0.26	847,170	258.17	0.30
Pittsburg and Allegheny, Pa.....	343,004	65.95	0.19	235,071	38.03	0.16
Providence, R. I.....	132,146	44.95	0.34	104,857	35.30	0.34
Rochester, N. Y.....	133,890	35.83	0.27	89,300	13.02	0.15
St. Louis, Mo.....	451,770	115.25	0.20	350,518	63.20	0.18
St. Paul, Minn.....	133,156	25.27	0.19	41,473	6.00	0.14
San Francisco, Cal.....	298,097	80.11	0.30	233,050	57.08	0.24
Washington, D. C.....	230,302	45.22	0.20	177,024	29.47	0.17

^a July 1.

TABLE 18.—AVERAGE WEIGHT OF RAIL ON STREET RAILWAYS REPORTING WEIGHT, CLASSIFIED ACCORDING TO MOTIVE POWER.

MOTIVE POWER.	Length of rail. (Yards.)	Total weight of rail reported. (Tons of 2,000 pounds.)	Average weight per yard. (Pounds.)
Total.....	20,184,435.20	574,038.50	43.91
Animal.....	16,132,864.00	332,203.93	41.19
Electric.....	3,567,590.40	70,526.81	42.00
Cable.....	1,488,572.80	39,417.91	52.00
Steam.....	2,180,905.00	40,200.00	45.09
Mixed and inseparable.....	2,808,502.40	77,430.01	55.14

TABLE 19.—COST OF CONSTRUCTION AND EQUIPMENT OF STREET RAILWAYS PER MILE OF LINE, CLASSIFIED ACCORDING TO MOTIVE POWER.

ITEMS.	MOTIVE POWER.				
	Animal.	Electric.	Cable.	Steam.	Mixed and inseparable.
Cost of construction and real estate of roads reporting.	\$90,812,886.27	\$14,074,040.13	\$33,374,627.30	\$35,777,187.08	\$65,583,242.72
Length of line of roads reporting (miles).....	2,388.48	463.70	166.48	350.31	734.12
Cost of construction and real estate per mile..	\$41,739.20	\$60,351.63	\$200,472.20	\$102,130.08	\$80,335.86
Cost of equipment of roads reporting.....	\$22,344,285.14	\$3,873,544.21	\$3,827,436.02	\$4,348,511.10	\$12,022,280.54
Length of line of roads reporting (miles).....	2,473.56	464.93	167.13	301.83	855.43
Cost of equipment per mile.....	\$9,038.25	\$8,331.40	\$22,900.96	\$12,018.11	\$14,054.00

TRANSPORTATION BY WATER.

SUMMARY BY GRAND DIVISIONS.

TABLE 1.—EQUIPMENT—NUMBER, TONNAGE, AND VALUE OF ALL STEAMERS, SAILING VESSELS, AND UNRIGGED CRAFT REGISTERED IN THE PORTS OF THE UNITED STATES ON DECEMBER 31, 1889, BY GRAND DIVISIONS.

GRAND DIVISIONS.	TOTAL.			STEAMERS.			SAILING VESSELS.			UNRIGGED CRAFT.		
	Number.	Ton-nage.	Value. (Dollars.)	Number.	Ton-nage.	Value. (Dollars.)	Number.	Ton-nage.	Value. (Dollars.)	Number.	Ton-nage.	Value. (Dollars.)
Total.....	25,545	7,024,304	215,020,336	6,067	1,818,386	140,813,570	8,917	1,797,071	57,275,727	10,501	4,008,847	10,931,039
Atlantic coast and Gulf of Mexico.	13,466	2,862,630	127,676,487	2,033	897,102	73,554,540	7,108	1,401,085	40,284,507	8,425	923,489	7,837,440
Pacific coast.....	1,842	441,930	23,067,370	531	170,503	15,526,455	822	208,080	6,715,570	480	63,350	825,345
Great Lakes (a)	2,784	926,356	48,044,474	1,480	500,049	41,103,824	687	187,006	4,275,050	308	139,400	3,472,500
Mississippi valley	7,453	3,393,980	15,335,005	1,114	210,772	10,530,251	.....	.....	.....	6,339	3,182,608	4,705,754

TABLE 2.—FREIGHT TRAFFIC—FREIGHT MOVEMENT IN TONS BY ALL CLASSES OF COMMERCIAL CRAFT OPERATING DURING THE YEAR 1889, BY GRAND DIVISIONS.

GRAND DIVISIONS.	Total.	Steamers.	Sailing vessels.	Unrigged craft.		
Total.....	172,343,506	110,102,601	61,866,308	314,597		
Atlantic coast and Gulf of Mexico.....	80,695,685	640,894,132	39,801,533	(o)		
Pacific coast.....	8,818,883	5,741,940	2,761,326	314,597		
Great Lakes (a)	53,424,432	634,121,483	19,302,040	(c)		
Mississippi valley.....	20,405,046	620,405,046	.....	(c)		

TABLE 3.—CREWS AND WAGES—NUMBER OF PERSONS EMPLOYED TO MAKE THE ORDINARY CREWS OF ALL OPERATING VESSELS DURING THE YEAR 1889, BY GRAND DIVISIONS.

GRAND DIVISIONS.	TOTAL.		STEAMERS AND UNRIGGED CRAFT.		SAILING VESSELS.	
	Number making ordinary crews.	Total wages during year.	Number making ordinary crews.	Total wages during year.	Number making ordinary crews.	Total wages during year.
Total	114,736	\$41,730,092	70,483	\$28,636,050	44,253	\$13,004,036
Atlantic coast and Gulf of Mexico. (d)	63,625	22,123,090	30,528	13,284,325	33,097	8,838,774
Pacific coast.....	12,181	6,127,701	6,818	3,082,002	5,303	2,445,030
Great Lakes (a)	22,924	8,140,430	17,141	6,930,807	5,793	1,800,023
Mississippi valley.....	16,990	5,338,562	16,906	5,338,562	.....	.....

a Includes St. Lawrence river and Lake Champlain.

b Includes unrigged craft.

c Included in steamers.

d Exclusive of pleasure craft.

ATLANTIC COAST AND GULF OF MEXICO.

GEOGRAPHICAL DISTRICTS.

- District 1.—Maine and New Hampshire.
 District 2.—Massachusetts and Rhode Island.
 District 3.—From Rhode Island line to and including Cape May, New Jersey.
 District 4.—From Cape May, New Jersey, to Capo Charles, Virginia.
 District 5.—From and including Cape Charles, Virginia, to and including Potomac river.
 District 6.—From Potomac river to south line of North Carolina.
 District 7.—South Carolina to and including Key West, Fla.
 District 8.—From Key West, Fla., to Louisiana.
 District 9.—Louisiana.
 District 10.—Texas.

TABLE 4.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, CREWS, AND WAGES OF ALL CRAFT REGISTERED OR OWNED ON THE ATLANTIC COAST AND GULF OF MEXICO, BY GEOGRAPHICAL DISTRICTS: 1889.

SUMMARY.

GEOGRAPHICAL DISTRICTS AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.	Trips.	Miles.	Freight moved. (Tons.)	Number making ordinary crews. (a)	Total wages during year. (a)
Aggregate.....	13,466	2,802,630	\$127,676,487	3,162,270	76,292,400	80,695,605	63,625	\$22,123,000

STEAMERS.

Total.....	2,933	837,162	73,554,540	2,034,571	26,063,900	b40,894,132	25,053	11,239,100
District 1	135	26,918	2,511,150	81,906	1,156,200	1,394,058	1,103	444,760
Passenger and freight.....	56	20,478	1,074,350					
Towing.....	49	2,782	395,900	81,906	1,156,200	1,394,058	276	208,720
Ferry.....	9	735	102,500				51	114,050
Yachts.....	2	43	11,500					16,951
Harbor.....	2	324	75,000				21	12,240
Miscellaneous.....	1	408	15,000				4	2,790
No traffic report.....	18	2,148	236,900					
District 2	275	108,200	9,033,130	275,746	3,596,230	5,003,480	3,297	1,369,700
Passenger and freight.....	82	86,429	6,502,620					
Towing.....	83	4,412	702,580	275,746	3,596,230	5,003,480	2,072	1,058,953
Ferry.....	15	5,367	365,280				458	213,583
Yachts.....	30	1,850	400,300				90	57,817
Harbor.....	11	1,051	102,250				40	20,860
Miscellaneous.....	4	1,334	124,000				37	18,500
No traffic report.....	44	7,041	767,100					
District 3	1,876	442,871	40,973,060	1,906,157	10,180,300	22,700,775	10,895	5,600,505
Passenger and freight.....	285	215,090	17,006,460					
Towing.....	536	35,122	5,886,500	1,906,157	10,180,300	22,700,775	5,503	2,341,820
Ferry.....	142	78,407	6,363,420				3,174	1,656,862
Yachts.....	100	8,215	2,723,010				1,258	1,006,510
Harbor.....	61	8,844	860,900				382	291,461
Miscellaneous.....	98	40,740	3,663,170				618	373,433
No traffic report.....	154	56,453	4,439,000					
District 4	355	91,065	8,592,250	320,002	1,933,470	1,907,780	3,115	1,287,027
Passenger and freight.....	112	61,099	4,902,200					
Towing.....	124	5,857	1,123,000	320,002	1,933,470	1,907,780	1,142	758,026
Ferry.....	26	9,401	828,500				634	398,113
Yachts.....	13	529	105,700				183	137,652
Harbor.....	2	470	63,500				24	12,800
Miscellaneous.....	16	2,872	366,800				182	69,087
No traffic report.....	62	10,747	1,152,550					

a Exclusive of pleasure craft.*b* Includes freight on unrigged craft moved by towing steamers.

TABLE 4.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, CREWS, AND WAGES OF ALL CRAFT REGISTERED OR OWNED ON THE ATLANTIC COAST AND GULF OF MEXICO, BY GEOGRAPHICAL DISTRICTS: 1889—Continued.

STEAMERS—Continued.

GEOGRAPHICAL DISTRICTS AND CLASSES OF VESSELS.	Num- ber.	Tonnage.	Value.	Trips.	Miles.	Freight moved. (Tons.)	Number making ordinary crews. (a)	Total wages during year. (a)
District 5.....	229	71,750	\$5,355,050	114,042	2,350,430	2,373,360	2,337	\$833,280
Passenger and freight.....	84	57,502	3,783,750					
Towing.....	103	4,038	698,900	114,042	2,350,430	2,373,360	1,696	514,868
Ferry.....	6	1,701	86,500				515	255,920
Yachts.....	4	331	87,000				42	19,138
Harbor.....	3	1,728	187,000				00	—
Miscellaneous.....	5	1,713	160,500				24	25,894
No traffic report.....	21	4,503	355,400				17,320	
District 6.....	154	13,550	1,160,000	90,180	1,880,180	2,424,073	895	280,200
Passenger and freight.....	56	6,800	486,000					
Towing.....	58	2,114	317,600	90,180	1,880,180	2,424,073	488	131,477
Ferry.....	3	1,208	88,000				208	111,098
Yachts.....	1	42	5,000				33	11,205
Harbor.....	4	160	17,500				24	10,020
Miscellaneous.....	10	1,389	68,000				52	22,400
No traffic report.....	23	1,759	188,500					
District 7.....	180	37,121	2,058,850	53,048	3,075,250	3,408,051	1,342	527,705
Passenger and freight.....	66	26,781	1,805,700					
Towing.....	61	3,382	520,350	53,048	3,075,250	3,408,051	900	323,240
Ferry.....	9	1,037	61,500				334	102,928
Yachts.....	7	154	41,500				50	25,284
Harbor.....	4	171	30,000				43	12,590
Miscellaneous.....	4	104	18,000				15	4,304
No traffic report.....	36	5,542	475,200					
District 8.....	120	11,413	907,750	12,100	737,800	425,760	1,240	392,542
Passenger and freight.....	44	6,573	307,400					
Towing.....	53	2,741	415,000	12,100	737,800	425,760	945	240,007
Yachts.....	4	83	8,800				301	151,545
No traffic report.....	25	2,016	170,550					
District 9.....	50	31,407	1,712,700	8,194	334,180	588,230	1,047	410,830
Passenger and freight.....	18	6,402	817,300					
Towing.....	14	600	61,500	8,194	334,180	588,230	500	172,790
Ferry.....	1	78	12,000				64	30,907
Harbor.....	2	240	40,000				3	2,340
Miscellaneous.....	14	20,510	1,082,000				18	4,600
No traffic report.....	7	3,050	199,960				432	194,146
District 10.....	38	2,771	281,000	3,145	804,800	508,032	180	77,302
Passenger and freight.....	8	716	54,500					
Towing.....	11	461	76,000	3,145	804,800	508,032	80	27,210
Yachts.....	3	75	8,200				68	31,501
Harbor.....	5	937	80,000				82	10,081
Miscellaneous.....	1	48	17,500				6	1,880
No traffic report.....	10	584	44,800					

a Exclusive of pleasure craft.

TABLE 4.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, CREWS, AND WAGES OF ALL CRAFT REGISTERED OR OWNED ON THE ATLANTIC COAST AND GULF OF MEXICO, BY GEOGRAPHICAL DISTRICTS: 1889—Continued.

SAILING VESSELS.

GEOGRAPHICAL DISTRICTS AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.	Trips.	Miles.	Freight moved. (Tons.)	Number making ordinary crews. (a)	Total wages during year. (a)
Total	7,108	1,401,985	\$46,284,507	227,000	50,228,500	39,801,533	33,097	\$8,838,774
District 1	1,078	460,580	13,878,422	20,842	6,400,000	4,731,379	12,573	2,570,003
Freight.....	1,523	430,081	12,919,607	29,842	6,400,000	4,731,379	12,550	2,567,183
Harbor.....	11	214	5,410	.....	.....	.....	23	3,720
Yachts.....	31	418	35,000	.....	.....	.....	.....	.....
Miscellaneous.....	8	47	850	.....	.....	.....	.....	.....
No traffic report.....	110	28,029	910,805	.....	.....	.....	.....	.....
District 2	977	314,820	9,947,225	25,614	7,520,580	7,260,053	5,123	1,710,704
Freight.....	655	285,700	8,273,500	25,614	7,520,580	7,200,053	5,025	1,698,494
Harbor.....	32	1,474	153,150	.....	.....	.....	98	21,210
Yachts.....	175	4,122	740,405	.....	.....	.....	.....	.....
Miscellaneous.....	1	46	1,500	.....	.....	.....	.....	.....
No traffic report.....	114	29,478	778,070	.....	.....	.....	.....	.....
District 3	2,017	402,704	14,331,805	70,080	17,508,670	12,833,857	7,007	2,674,610
Freight.....	1,213	349,868	10,672,110	70,080	17,508,670	12,833,857	6,943	2,375,228
Harbor.....	220	11,038	672,850	.....	.....	.....	604	290,282
Yachts.....	319	8,357	1,704,085	.....	.....	.....	.....	.....
Miscellaneous.....	28	1,180	45,480	.....	.....	.....	.....	.....
No traffic report.....	231	38,255	1,177,280	.....	.....	.....	.....	.....
District 4	705	147,640	5,038,200	15,486	4,305,400	4,027,123	3,145	930,557
Freight.....	503	138,404	4,570,040	15,486	4,305,400	4,027,123	3,108	902,157
Harbor.....	8	400	84,000	.....	.....	.....	37	7,400
Yachts.....	50	926	102,040	.....	.....	.....	.....	.....
Miscellaneous.....	10	1,155	20,800	.....	.....	.....	.....	.....
No traffic report.....	68	6,718	254,420	.....	.....	.....	.....	.....
District 5	533	40,535	1,400,060	22,036	3,080,470	3,450,372	1,020	956,890
Freight.....	450	37,301	1,317,020	22,036	3,080,470	3,450,372	1,008	351,878
Harbor.....	4	218	11,700	.....	.....	.....	18	5,020
Yachts.....	9	124	9,820	.....	.....	.....	.....	.....
Miscellaneous.....	1	19	1,500	.....	.....	.....	.....	.....
No traffic report.....	63	2,813	125,420	.....	.....	.....	.....	.....
District 6	286	10,007	413,700	10,020	2,517,200	2,704,717	578	102,130
Freight.....	187	6,802	253,980	10,020	2,517,200	2,704,717	536	89,240
Harbor.....	9	451	47,700	.....	.....	.....	42	12,040
Yachts.....	2	25	1,250	.....	.....	.....	.....	.....
Miscellaneous.....	1	8	130	.....	.....	.....	.....	.....
No traffic report.....	87	2,721	110,700	.....	.....	.....	.....	.....
District 7	299	8,432	420,925	23,036	4,370,720	2,433,007	733	141,020
Freight.....	185	6,164	244,180	23,036	4,370,720	2,433,007	500	97,140
Harbor.....	42	1,238	124,720	.....	.....	.....	104	44,780
Yachts.....	9	118	6,500	.....	.....	.....	.....	.....
Miscellaneous.....	5	59	2,500	.....	.....	.....	.....	.....
No traffic report.....	58	853	43,025	.....	.....	.....	.....	.....
District 8	243	9,671	420,100	10,426	1,500,070	651,176	566	137,781
Freight.....	156	5,674	245,100	10,426	1,500,070	651,176	500	110,450
Harbor.....	25	550	39,250	.....	.....	.....	66	18,325
Yachts.....	10	94	8,350	.....	.....	.....	.....	.....
Miscellaneous.....	52	3,314	130,400	.....	.....	.....	.....	.....
No traffic report.....	214	4,247	104,360	10,426	1,000,230	505,067	547	132,080
District 9	168	3,557	150,420	10,804	1,000,230	505,067	538	129,220
Freight.....	5	54	2,800	.....	.....	.....	9	2,800
Harbor.....	3	39	2,250	.....	.....	.....	.....	.....
Yachts.....	2	15	1,100	.....	.....	.....	.....	.....
Miscellaneous.....	36	582	28,730	.....	.....	.....	.....	.....
District 10	156	3,331	164,500	7,889	841,210	213,702	200	63,140
Freight.....	123	1,851	115,110	7,889	841,210	213,702	280	59,500
Harbor.....	6	137	9,000	.....	.....	.....	10	3,580
Yachts.....	14	205	11,085	.....	.....	.....	.....	.....
Miscellaneous.....	1	38	1,500	.....	.....	.....	.....	.....
No traffic report.....	12	1,100	27,015

a Exclusive of pleasure craft.

TRANSPORTATION.

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TABLE 4.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, CREWS, AND WAGES OF ALL CRAFT REGISTERED OR OWNED ON THE ATLANTIC COAST AND GULF OF MEXICO, BY GEOGRAPHICAL DISTRICTS: 1889—Continued.

UNRIGGED CRAFT.

GEOGRAPHICAL DISTRICTS.	Number.	Tonnage.	Value.	Trips.	Miles.	Freight moved. (Tons.)	Number making ordinary crews.	Total wages during year.
Total.....	3,425	623,483	\$7,837,440	(a)	(a)	(b)	4,875	\$2,045,150
District 1.....	155	16,080	107,795	.....	.....	183	50,100	
District 2.....	214	35,000	485,075	.....	.....	235	57,483	
District 3.....	1,812	360,100	5,238,070	.....	.....	8,488	1,607,706	
District 4.....	406	144,121	1,421,250	.....	.....	413	123,572	
District 5.....	160	26,152	225,050	.....	.....	215	77,717	
District 6.....	121	8,520	43,065	.....	.....	147	33,238	
District 7.....	202	17,474	128,025	.....	.....	131	40,000	
District 8.....	111	7,703	43,310	.....	.....	72	29,152	
District 9.....	18	550	3,000	.....	.....	3	1,440	
District 10.....	51	6,300	55,400	.....	.....	38	8,682	

a No trips or mileage report.*b* Included in steamers.

TABLE 5.—NUMBER OF PASSENGERS CARRIED ON PASSENGER-CARRYING VESSELS ON THE ATLANTIC COAST AND GULF OF MEXICO, BY GEOGRAPHICAL DISTRICTS: 1889.

GEOGRAPHICAL DISTRICTS.	Total.	Steamers.	Ferryboats.
Total.....	170,225,458	11,581,440	158,644,012
District 1.....	1,492,973	968,604	523,769
District 2.....	17,015,328	2,119,296	15,496,032
District 3.....	130,003,247	5,832,914	124,170,333
District 4.....	16,460,508	1,448,986	15,011,582
District 5.....	2,475,300	854,404	1,620,926
District 6.....	1,500,166	89,066	1,471,100
District 7.....	447,665	152,228	295,437
District 8.....	90,056	90,956	.....
District 9.....	73,777	18,944	54,833
District 10.....	5,088	5,088	.....

TABLE 6.—GROSS EARNINGS, EXPENSES, AND NET EARNINGS OF PASSENGER AND FREIGHT CARRYING VESSELS ON THE ATLANTIC COAST AND GULF OF MEXICO, BY GEOGRAPHICAL DISTRICTS: 1889.

GEOGRAPHICAL DISTRICTS.	Gross earnings.	Expenses.	Net earnings.
Total.....	\$76,236,602	\$58,648,452	\$17,588,150
District 1.....	11,007,824	8,800,000	2,801,815
District 2.....	14,097,092	10,882,534	3,214,558
District 3.....	31,212,063	24,545,310	6,666,753
District 4.....	8,037,068	6,100,373	2,471,595
District 5.....	4,479,800	3,847,395	1,132,411
District 6.....	549,734	421,874	127,860
District 7.....	2,377,389	2,042,293	335,096
District 8.....	999,713	812,355	186,358
District 9.....	1,040,184	1,449,448	505,738
District 10.....	236,820	180,801	56,919

PACIFIC COAST.

GEOGRAPHICAL DISTRICTS.

- District 1.—From Mexico to Point San Mateo, California.
 District 2.—From Point San Mateo to Point Sal, California.
 District 3.—From Point Sal to south line of Humboldt county, Cal.
 District 4.—From south line of Humboldt county, Cal., to Oregon.
 District 5.—From south line of Oregon to the south line of Lane county, Ore.

TABLE 7.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, INCOME AND EXPENDITURE,
 GEOGRAPHICAL
 SUMMARY.

GEOGRAPHICAL DISTRICTS AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.	Trips.	Miles.
1 Aggregate.....	1,842	441,030.10	\$23,067,370	673,853	12,080,153

STEAMERS.

2 Total.....	531	170,503.10	15,526,455	634,541	6,883,560
3 District 1.....	8	800.18	62,500	30,153	43,867
4 Ferry	3	487.88	31,500	39,158	43,867
5 Harbor tugs.....	4	294.04	28,600	.....	.....
6 Yachts.....	1	18.26	2,500	.....	.....
7 District 2.....	10	933.00	188,500	410	48,752
8 Freight and passenger.....	5	756.61	140,500	410	48,752
9 Harbor tugs.....	1	88.01	22,000	.....	.....
10 No traffic reported.....	4	87.78	17,000	.....	.....
11 District 3.....	223	104,148.85	9,459,405	157,470	3,311,446
12 Freight and passenger.....	136	72,025.66	7,470,705	19,218	2,304,871
13 Ferry.....	17	22,062.71	784,500	137,025	892,225
14 Fish.....	14	3,660.10	341,000	627	104,350
15 Harbor tugs.....	44	3,626.10	732,000	.....	.....
16 No traffic reported.....	12	1,874.29	123,200	.....	.....
17 District 4.....	10	785.01	82,500	3,506	23,407
18 Freight and passenger.....	6	450.90	28,500	3,506	23,407
19 Harbor tugs.....	3	270.01	51,000	.....	.....
20 No traffic reported.....	1	04.01	3,000	.....	.....
21 District 5.....	15	771.55	70,600	6,706	98,223
22 Freight and passenger.....	12	650.85	48,300	6,522	90,566
23 Ferry.....	1	20.34	1,200	184	1,656
24 Harbor tugs.....	2	100.30	21,100	.....	.....
25 District 6.....	13	2,280.72	287,400	4,004	60,558
26 Freight and passenger.....	7	1,076.00	125,000	2,928	67,050
27 Ferry.....	1	15.65	900	1,072	1,108
28 Fish.....	1	106.40	25,000	4	1,400
29 Harbor tugs.....	2	125.78	44,500	.....	.....
30 No traffic reported.....	2	955.90	92,000	.....	.....
31 District 7.....	41	3,171.86	284,100	13,718	282,726
32 Freight and passenger.....	33	2,896.64	247,000	13,602	276,076
33 Fish.....	5	184.86	24,000	26	6,650
34 Harbor tugs.....	1	14.57	2,000	.....	.....
35 No traffic reported.....	2	75.79	10,500	.....	.....
36 District 8.....	96	44,403.83	3,850,100	604,808	1,351,070
37 Freight and passenger.....	62	40,991.11	3,006,300	81,400	1,148,752
38 Ferry.....	14	1,746.86	116,200	283,298	198,227
39 Fish.....	3	79.35	20,000	200	5,000
40 Harbor tugs.....	4	243.87	40,700	.....	.....
41 No traffic reported.....	13	1,942.64	66,000

a Includes unrigged craft.

TRANSPORTATION.

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PACIFIC COAST.

GEOGRAPHICAL DISTRICTS.

District 6.—From south line of Lane county, Ore., to Cape Lookout, Oregon.

District 7.—From Cape Lookout to Tillamook head, Oregon.

District 8.—From Portland, Ore., to Mouth of Willamette river.

District 9.—From Tillamook head to northern boundary of Washington.

CREWS, AND WAGES OF ALL CRAFT REGISTERED OR OWNED ON THE PACIFIC COAST, BY DISTRICTS: 1889.

SUMMARY.

Freight moved. (Tons.)	Passengers carried.	Gross earnings.	Expenses.	Net earnings.	Number making ordinary crews.	Total wages during year.
8,818,363	4,010,329	\$20,628,316.28	\$17,274,800.30	\$3,353,506.98	12,181	\$6,127,700.00

STEAMERS.

5,741,940	4,010,329	a13,237,222.29	a11,446,602.77	a1,700,520.52	a6,818	a3,032,061.61	2
20	545,558	42,507.47	45,985.04	b3,477.57	34	15,387.15	3
20	545,558	31,370.72 11,127.75	31,084.92 14,300.12	b305.20 b3,172.37	18 14 2	8,575.00 6,778.15 34.00	4 5 6
144,726	12,305	64,406.14	63,570.84	829.30	56	27,060.60	7
144,726	12,305	61,347.02 3,058.22	60,425.00 3,151.15	922.23 b42.03	49 7	25,820.45 1,243.15	8 9
2,420,955	242,354	8,015,004.04	6,872,414.76	1,142,080.18	3,074	2,243,532.18	11
2,420,955	173,006 68,448	6,390,204.01 817,418.47 241,440.40 566,031.40	5,205,600.06 814,873.47 275,746.07 480,103.06	1,004,513.65 2,545.00 b34,306.21 79,927.74	3,270 379 95 230	1,655,083.25 321,740.00 89,158.93 100,050.00	12 13 14 15 16
118,682	24,900	102,488.21	87,292.30	15,255.01	40	38,489.00	17
118,682	24,900	55,978.21 40,510.00	46,678.69 40,553.01	9,200.52 5,050.39	23 23	21,754.00 10,735.00	18 19
110,490	33,860	50,499.33	42,405.36	14,093.07	52	30,093.60	21
110,490	32,585 1,275	49,246.01 1,170.00 0,082.72	30,080.55 943.00 4,775.81	12,560.06 227.00 1,306.91	42 3 7	25,984.00 800.00 3,300.60	22 23 24
a31,583	15,722	119,227.63	128,260.54	b9,032.01	85	51,624.71	25
31,401 92	14,507 1,125	84,463.34 600.00 19,350.00 14,814.20	99,394.85 420.00 15,531.40 12,014.29	b14,931.51 180.00 3,818.60 1,900.00	60 .1 13 11	36,153.91 300.00 5,670.00 9,401.40	26 27 28 29 30
a242,130	98,006	212,478.11	167,249.00	45,229.11	183	55,437.37	31
242,130	98,006	100,086.11 12,102.00 1,200.00	154,522.80 12,102.00 534.20	44,563.31 665.80	168 12 8	88,927.37 6,120.00 390.00	32 33 34 35
512,405	2,550,015	3,389,404.26	3,050,076.43	332,727.83	1,562	742,045.66	36
498,664 18,801	630,477 1,020,438	3,247,068.60 125,240.08 4,326.45 6,168.53	2,942,505.14 98,637.34 4,326.45 5,207.50	305,168.46 26,603.34 961.03	1,408 .67 13 14	681,438.16 53,714.00 3,571.00 4,222.50	37 38 39 40 41

b Deficit.

TABLE 7.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, INCOME AND EXPENDITURE,
GEOGRAPHICAL
STEAMERS—Continued.

GEOGRAPHICAL DISTRICTS AND CLASSES OF VESSELS.		Number.	Tonnage.	Value.	Trips.	Miles.
1	District 9.....	115	13,208.10	\$1,241,350	44,071	1,653,603
2	Freight and passenger.....	93	10,641.63	975,850	32,045	1,620,708
3	Ferry	2	295.82	45,000	12,020	32,895
4	Fish.....	1	13.03	1,500	(a)	(a)
5	Harbor tugs.....	9	1,349.17	170,000	.....	.....
6	Yachts.....	2	45.24	4,000	.....	.....
7	No traffic reported.....	8	808.21	36,000	.....	.....

SAILING VESSELS.

8	Total.....	822	208,070.84	6,716,570	39,312	5,790,583
9	District 1.....	21	400.75	36,975	100	25,708
10	Freight	7	222.07	20,350	60	15,274
11	Fish.....	2	80.68	2,025	34	10,432
12	Pilot boats	1	19.66	3,000	.....	.....
13	Yachts	7	100.02	8,500	.....	.....
14	No traffic reported.....	4	87.42	2,500	.....	.....
15	District 2.....	13	694.14	37,400	220	20,430
16	Freight	8	588.43	27,400	220	20,430
17	Pilot boats	1	7.75	2,500	.....	.....
18	Yachts	4	97.96	7,500	.....	.....
19	District 3.....	640	158,518.50	5,434,100	35,243	5,005,580
20	Freight	549	140,923.65	4,048,150	35,108	4,772,113
21	Fish.....	40	5,860.86	230,900	75	233,470
22	Pilot boats	4	230.12	24,500	.....	.....
23	Yachts	13	404.50	52,800	.....	.....
24	No traffic reported.....	43	5,093.87	168,750	.....	.....
25	District 4.....	14	8,272.35	245,500	830	102,603
26	Freight	13	3,000.00	241,000	830	102,003
27	No traffic reported.....	1	181.36	4,500	.....	.....
28	District 5: Freight	1	90.15	8,000	21	8,020
29	District 7.....	36	600.75	50,080	1,774	27,352
30	Freight	14	220.08	10,350	1,564	19,742
31	Fish.....	10	137.07	12,730	210	7,010
32	Pilot boats	2	141.50	10,000	.....	.....
33	No traffic reported.....	10	102.01	8,000	.....	.....
34	District 8.....	6	1,005.60	38,085	23	30,400
35	Freight	8	1,712.07	35,035	23	30,400
36	No traffic reported.....	3	283.52	3,950	.....	.....
37	District 9.....	82	42,357.61	864,530	1,086	569,527
38	Freight	52	41,630.71	822,055	1,070	531,807
39	Fish.....	8	337.63	25,700	7	37,720
40	Pilot boats	1	18.81	700	.....	.....
41	Yachts	1	8.30	500	.....	.....
42	No traffic reported.....	20	362.16	15,575	.....	.....

UNRIGGED CRAFT.

43	Total.....	489	63,356.16	825,345	(e)	(e)
44	District 1.....	28	1,900.00	12,975	.....	.....
45	District 2.....	33	8,035.00	62,000	.....	.....
46	District 3.....	146	27,082.17	506,700	.....	.....
47	District 4.....	22	2,290.00	10,525	.....	.....
48	District 5.....	93	3,026.00	20,690	.....	.....
49	District 6.....	3	40.00	200	.....	.....
50	District 7.....	23	1,490.66	13,810	.....	.....
51	District 8.....	34	11,001.87	109,400
52	District 9.....	102	12,524.46	80,045

a Not reported.

TRANSPORTATION.

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CREWS, AND WAGES OF ALL CRAFT REGISTERED OR OWNED ON THE PACIFIC COAST, BY DISTRICTS: 1889—Continued.

STEAMERS—Continued.

Freight moved. (Tons.)	Passengers carried.	Gross earnings.	Expenses.	Net earnings.	Number making ordinary crews.	Total wages during year.	
2,151,880	405,640	\$1,241,116.20	\$88,892.50	\$252,223.70	826	\$437,582.28	1
2,151,021	393,308	1,112,136.91	850,866.77	252,269.54	745	388,438.65	2
860	102,251	18,667.08	18,345.59	321.40	10	10,028.00	3
(a)		110,312.81	(a)	(a)	3	315.00	4
			110,080.14	b307.33	65	38,000.63	5
					3	200.00	6
							7

SAILING VESSELS.

2,701,826	.....	7,891,093.00	5,828,116.53	1,502,977.46	5,363	2,445,639.08	8
2,300	.....	20,200.00	14,457.80	5,742.20	38	8,788.08	9
2,300	.....	10,640.00	9,552.10	1,087.90	20	4,143.73	10
		6,810.00	2,155.70	4,654.30	7	1,465.25	11
		2,750.00	2,750.00	.....	3	2,250.00	12
					8	930.00	13
							14
7,571	.....	27,283.54	25,032.89	1,850.65	38	16,321.00	15
7,571	.....	25,533.54	24,182.80	1,350.65	20	13,201.00	16
		1,750.00	1,750.00	.....	3	1,440.00	17
					0	1,080.00	18
2,351,508	.....	6,170,240.00	4,829,511.95	1,340,735.04	4,345	2,025,721.44	19
2,351,508	.....	5,747,932.87	4,453,288.01	1,204,644.86	8,699	1,904,194.72	20
		404,077.40	351,087.22	52,030.18	614	107,178.72	21
		24,236.72	24,236.72	.....	17	8,820.00	22
					15	6,528.00	23
							24
40,124	.....	100,634.07	79,820.25	21,813.82	100	45,235.15	25
40,124	.....	100,634.07	79,820.25	21,813.82	100	45,235.15	26
							27
2,016	.....	6,887.00	5,936.00	451.00	7	3,500.00	28
21,097	.....	30,082.05	21,437.03	9,494.42	54	10,010.75	29
21,097	.....	19,375.74	11,803.52	8,072.22	30	10,338.75	30
		6,087.95	4,665.75	1,422.20	19	2,912.00	31
		5,408.36	5,408.36	.....	5	2,700.00	32
							33
10,037	.....	55,795.31	37,543.80	18,251.42	82	13,140.00	34
10,037	.....	55,705.31	37,543.80	18,251.42	82	13,140.00	35
							36
320,183	.....	973,015.03	813,076.12	160,038.01	740	810,921.76	37
320,183	.....	940,525.30	781,248.21	105,282.18	654	294,930.00	38
		25,587.99	31,231.26	65,645.27	60	20,637.00	39
		1,501.65	1,501.65	.....	3	1,010.00	40
					2	314.44	41
							42

UNRIGGED CRAFT.

314,597	(a)	(a)	(a)	(a)	(a)	43
88,064	44
27,000	45
2,900	46
55,860	47
(a)	48
(a)	49
32,080	50
163,743	51
							52

b Deficit.*c* Included in steamers.

MISSISSIPPI VALLEY.

RIVER SYSTEMS.

The Upper Mississippi system includes the Mississippi river from the head waters of navigation to St. Louis, the St. Croix, the Chippewa, the Illinois, the Wisconsin and the Fox of Wisconsin, the Minnesota, the Cuivre, the Red Cedar, the Galena, and the Missouri with its tributaries, the Gasconade, the Osage, and the Yellowstone.

The Ohio system includes the Ohio, the Allegheny, the Monongahela with its tributaries, the Cheat and the Bucknall, the Muskingum, the Little Kanawha, the Great Kanawha with its tributaries, the Elk and the Gauley, the Kentucky, the Green with its tributary, the Rough (or Barren), the Big Sandy with its tributaries, the Tug fork and the Levisa fork, the Guyandotte, the Cumberland with its tributaries, the Obey and the Caney fork, the Licking, the Wabash with its tributary, the White (of Indiana), the Tennessee with its tributaries, the Duck, the Clinch, the Hiawassee, the French Broad, and the Little Tennessee.

TABLE 8.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, INCOME AND EXPENDITURE, OF THE MISSISSIPPI VALLEY, BY

	RIVERS AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.
1	Total for Mississippi valley.....	7,453	3,393,370.89	\$15,335,005
2	Upper Mississippi:			
3	Passenger and freight.....	23	5,732.91	281,700
4	Towing.....	77	9,736.51	621,800
5	Ferry.....	24	2,144.30	170,200
6	Harbor.....	25	994.26	62,250
7	Miscellaneous.....	10	1,099.75	130,800
8	Unrigged.....	285	165,085.00	214,018
	No traffic report.....	29	4,370.39	209,019
9	Total.....	473	100,603.21	1,600,987
10	St. Croix:			
11	Towing.....	10	1,129.82	88,500
12	Ferry.....	1	20.08	3,000
13	Harbor.....	4	101.55	7,500
	Unrigged.....	11	10,000.00	11,000
14	Total.....	26	11,258.35	110,000
15	Chippewa:			
16	Towing.....	1	108.00	7,000
17	Illinois:			
18	Passenger and freight.....	7	1,811.80	70,200
	Ferry.....	2	48.45	1,000
	Total.....	9	1,860.25	80,200
19	Missouri, Osage, and Gasconade:			
20	Passenger and freight.....	15	2,458.85	70,300
21	Towing and harbor.....	10	673.37	41,700
22	Ferry.....	24	1,085.40	94,100
23	Unrigged.....	52	4,898.00	30,705
	No traffic report.....	3	42.13	3,600
24	Total.....	104	9,657.84	240,405
25	Total for Upper Mississippi system.....	613	213,547.65	2,136,002
26	Ohio:			
27	Passenger and freight.....	85	32,688.82	1,200,825
28	Towing.....	114	26,708.08	1,680,000
29	Ferry.....	54	10,018.00	350,250
30	Harbor.....	48	4,275.11	301,000
31	Miscellaneous.....	25	2,078.83	160,200
32	Unrigged.....	4,485	2,355,846.00	2,858,330
	No traffic report.....	54	7,400.78	388,302
33	Total.....	4,808	2,440,881.02	6,957,513
34	Allegheny:			
35	Passenger and freight.....	6	715.84	53,000
	Unrigged.....	26	2,340.00	10,400
36	Total.....	32	3,055.84	63,400

a Included in towing steamers.

TRANSPORTATION.

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CREWS, AND WAGES OF ALL STEAMERS AND UNRIGGED CRAFT OWNED ON THE RIVERS RIVERS AND RIVER SYSTEMS: 1889—Continued.

Miles.	Freight moved. (Tons.)	Passengers carried.	Gross earnings.	Expenses.	Net earnings.	Number making ordinary crews.	Total wages during year.	
{ 130,898.	{ 151,725 3,143,207	130,537	\$130,084	\$107,170	\$23,485	81	\$45,448	1
			308,810	233,447	73,363	287	120,408	2
		130,850	11,238	10,017	1,221	12	7,485	3
			48,218	48,218	.....	42	22,080	4
			(a)	(a)	(a)	(a)	(a)	5
130,898	3,294,032	261,387	400,030	398,861	98,069	422	196,021	6
27,055	10,281	37,081	47,571	35,254	12,317	67	17,305	7
			7,361	4,915	2,446	11	3,408	8
			550	420	130	3	240	9
			(a)	(a)	(a)	(a)	(a)	10
27,055	10,281	37,081	55,482	40,589	14,893	81	20,951	11
{ 14,740	{ 2,008 112,089	9,451	24,471	12,075	12,396	18	4,682	12
			2,000	1,668	332	5	700	13
			8,450	2,600	850	4	1,085	14
			1,000	1,000	.....	1	540	15
			(a)	(a)	(a)	(a)	(a)	16
14,740	115,057	9,451	80,021	17,343	13,578	28	7,007	17
{ 59,080	{ 112,838 1,032,304	53,500	40,339	36,288	10,051	62	10,410	18
			47,809	31,988	15,871	63	10,010	19
		88,525	13,283	6,065	6,318	8	3,420	20
			82,575	61,480	21,089	72	23,070	21
			3,000	3,000	.....	5	2,300	22
			(a)	(a)	(a)	(a)	(a)	23
								24
59,080	1,145,202	92,124	103,006	130,077	53,329	210	65,135	25
47,350	280,483	11,000	62,075	40,572	15,508	99	30,485	26
			32,843	23,307	0,586	42	13,440	27
			(a)	(a)	(a)	(a)	(a)	28
47,350	280,483	11,000	94,918	69,879	25,039	141	42,025	29
{ 12,588	{ 53,047 203,003	9,550	40,910	23,145	17,765	66	12,220	30
			17,011	10,721	7,100	15	4,110	31
			(a)	(a)	(a)	(a)	(a)	32
								33
12,588	256,950	9,550	58,821	33,866	24,055	81	16,330	34
10,300	810,278	11,200	31,880	27,154	4,735	43	5,416	35
12,700	93,178	180	42,320	22,140	20,180	50	18,020	36
								37
12,700	93,178	180	42,320	22,140	20,180	50	18,020	38
{ 144,908	{ 217,594 750,782	19,160	179,688	153,412	26,276	440	78,345	39
			25,948	17,527	8,421	25	11,085	40
			(a)	(a)	(a)	(a)	(a)	41
144,908	974,316	19,160	205,036	170,930	34,097	465	84,430	42
{ 420,804	{ 219,170 680,908	27,185	381,345	289,609	41,646	609	140,537	43
			37,828	28,160	9,108	63	13,398	44
		908,100	32,193	18,084	19,089	15	10,800	45
			(a)	(a)	(a)	(a)	(a)	46
								47
420,894	909,078	980,285	400,806	330,893	60,913	687	164,735	48
3,579,233	18,041,866	6,508,143	6,702,013	5,270,507	1,431,446	7,663	2,545,025	49

TABLE 8.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, INCOME AND EXPENDITURE, OF THE MISSISSIPPI VALLEY, BY

	RIVERS AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.
1	Lower Mississippi:			
2	Passenger and freight.....	74	31,808.33	\$1,186,300
3	Towing.....	35	9,655.18	627,600
4	Ferry.....	45	2,831.74	302,300
5	Harbor.....	53	12,403.80	588,300
6	Miscellaneous.....	11	599.93	70,350
7	Unrigged.....	250	175,510.00	1,001,250
	No traffic report.....	47	5,077.00	287,022
8	Total.....	515	237,980.07	4,153,622
9	White:			
10	Passenger and freight.....	5	1,220.71	45,000
	Unrigged.....	1	40.00	100
11	Total.....	6	1,260.71	45,100
12	Arkansas:			
13	Passenger and freight.....	9	1,785.01	40,700
14	Ferry.....	6	312.82	19,500
	Unrigged.....	7	310.00	1,400
15	Total.....	22	2,408.73	67,600
16	Yazoo:			
17	Passenger and freight.....	11	1,400.68	62,000
	Unrigged.....	9	1,670.00	17,450
18	Total.....	20	3,070.68	70,450
19	Washita:			
20	Passenger and freight.....	3	994.52	45,000
Red:				
21	Passenger and freight.....	9	1,068.88	80,700
	Unrigged.....	5	250.00	5,000
22	Total	14	2,218.88	85,700
23	Total for Lower Mississippi system.....	580	247,957.50	4,476,472
Red River of the North:				
24	Freight.....	3	411.17	12,500
25	Unrigged.....	11	10,972.00	11,200
26	No traffic report.....	1	22.65	1,500
27	Total for Red River of the North.....	15	11,405.82	25,200

a Included in towing steamers.

TRANSPORTATION.

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CREWS, AND WAGES OF ALL STEAMERS AND UNRIGGED CRAFT OWNED ON THE RIVERS
RIVERS AND RIVER SYSTEMS: 1889—Continued.

Miles.	Freight moved. (Tons.)	Passengers carried.	Gross earnings.	Expenses.	Net earnings.	Number making ordinary crews.	Total wages during year.	
{ 1,826,264	{ 2,086,300 1,221,346 168,010	518,267 1,033,048	\$3,040,384 1,938,513 442,169 801,479 13,815	\$2,742,406 1,157,068 862,481 574,219 (a)	\$207,938 781,445 79,738 227,260 (a)	2,068 720 337 301 17	\$1,032,012 249,927 183,972 176,573 12,232 (a)	1 2 3 4 5 6 7
1,826,264	4,374,761	2,451,315	6,236,310	4,849,930	1,386,371	4,343	1,654,710	8
68,780	86,303 (a)	4,183	100,097 (a)	82,443 (a)	18,254 (a)	110 (a)	41,007 (a)	9 10
68,780	86,303	4,183	100,097	82,443	18,254	110	41,007	11
{ 61,680	{ 1,002,717 1,100 (a)	2,651 62,065	57,100 20,184 (a)	44,881 11,608 (a)	12,318 17,516 (a)	141 20 (a)	27,753 6,216 (a)	12 13 14
61,680	1,003,817	64,716	86,383	56,540	20,834	161	33,000	15
121,210	77,380 (a)	5,301	144,008 (a)	125,409 (a)	18,509 (a)	255 (a)	60,754 (a)	16 17
121,210	77,380	5,301	144,008	125,409	18,509	255	60,754	18
60,828	93,707	1,204	125,180	103,220	21,960	144	43,756	19
172,800	105,145 (a)	7,208	324,736 (a)	257,002 (a)	67,644 (a)	323 (a)	113,340 (a)	20 21
172,800	105,145	7,208	324,736	257,002	67,644	323	113,340	22
2,311,573	6,401,203	2,594,017	7,017,874	5,474,712	1,542,062	5,945	1,048,541	23
1,084	3,637 (a)	.....	5,061 (a)	4,240 (a)	1,415 (a)	45 (a)	1,077 (a)	24 25 26
1,084	3,637	.....	5,061	4,240	1,415	45	1,077	27

GREAT LAKES, ST. LAWRENCE

TABLE 9.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, INCOME AND EXPENDITURE, REGISTERED OR OWNED ON THE GREAT LAKES, ST. LAWRENCE

	LAKES, RIVERS, AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.
1	Total.....	2,784	926,355	\$48,941,474
2	Lake Superior.....	167	39,653	2,763,500
3	Steamers:			
4	Passenger and freight.....	44	25,830	1,980,500
5	Tugs.....	67	2,840	300,300
6	Ferry.....	6	365	23,500
7	Yachts.....	4	123	17,500
8	Miscellaneous.....	5	90	7,500
9	Sailing vessels:			
10	Schooners.....	31	2,784	74,200
11	Unrigged.....	10	7,612	345,000
12	Lakes Huron and St. Clair.....	726	262,833	13,107,050
13	Steamers:			
14	Passenger and freight.....	204	140,178	0,382,500
15	Tugs.....	102	8,383	630,000
16	Ferry.....	16	3,430	410,000
17	Yachts.....	11	307	74,000
18	Harbor.....	1	5	4,000
19	Miscellaneous.....	6	94	11,500
20	Sailing vessels:			
21	Schooners.....	203	33,639	805,500
22	Sloops.....	10	480	6,550
23	Unrigged.....	173	70,251	1,774,000
24	Lake Michigan.....	1,003	196,216	0,114,400
25	Steamers:			
26	Passenger and freight.....	223	91,162	0,061,000
27	Tugs.....	184	7,949	830,100
28	Ferry.....	10	234	29,500
29	Yachts.....	4	163	20,000
30	Harbor.....	5	432	135,000
31	Miscellaneous.....	27	1,860	140,000
32	Sailing vessels:			
33	Schooners.....	488	76,442	1,481,500
34	Sloops.....	12	135	3,800
35	Unrigged.....	50	17,839	401,500
36	Lake Erie.....	667	392,903	22,163,824
37	Steamers:			
38	Passenger and freight.....	267	288,263	18,552,424
39	Tugs.....	123	4,806	702,000
40	Ferry.....	5	284	10,000
41	Yachts.....	20	1,056	180,700
42	Harbor.....	25	1,312	142,500
43	Miscellaneous.....	9	313	30,500
44	Sailing vessels:			
45	Schooners.....	148	61,014	1,645,200
46	Sloops.....	2	66	2,200
47	Yaws.....	1	17	300
48	Unrigged.....	67	35,772	933,000
49	Lake Ontario.....	131	16,850	670,300
50	Steamers:			
51	Passenger and freight.....	39	4,614	302,400
52	Tugs.....	8	185	36,800
53	Ferry.....	1	100	2,000
54	Yachts.....	13	330	51,000
55	Miscellaneous.....	5	100	8,500
56	Sailing vessels:			
57	Schooners.....	45	9,726	202,300
58	Sloops.....	18	292	8,300
59	Unrigged.....	2	434	5,000

a Including 400,777 tons of unclassified freight, the weight of which has been estimated.

RIVER, AND LAKE CHAMPLAIN.

CREWS, AND WAGES OF ALL STEAMERS, SAILING VESSELS, AND UNRIGGED CRAFT RIVER, AND LAKE CHAMPLAIN, BY LAKES AND RIVERS: 1889.

Freight moved. (Tons.)	Passengers carried.	Gross earnings.	Expenses.	Net earnings.	Number making ordinary crews.	Total wages during year.	
a53,424,432	2,928,132	b\$35,630,103	b\$28,033,651	b\$7,602,512	b22,934	b\$8,140,430	1
7,025,930	155,609	1,197,580	1,020,151	168,425	832	322,173	2
	86,538						3
	69,071						4
							5
							6
							7
							8
							9
3,373,807	755,516	6,955,133	5,349,405	1,605,688	4,278	1,475,823	10
	504,588						11
	250,028						12
							13
							14
							15
							16
							17
							18
							19
18,571,258	500,098	5,826,148	4,843,169	982,989	4,503	1,660,208	20
	320,688						21
	186,008						22
							23
							24
							25
							26
							27
							28
							29
19,343,875	508,885	9,649,090	7,821,541	2,027,549	5,430	2,021,736	30
	484,002						31
	114,193						32
							33
							34
							35
							36
							37
							38
							39
							40
1,256,947	120,296	335,483	302,058	32,825	476	122,204	41
	120,296						42
							43
							44
							45
							46
							47
							48
							49
<i>b Report for 1,888 vessels Estimate for 800 vessels not reporting.</i>		24,542,208 11,093,957	19,584,840 8,448,811	4,957,866 2,046,146	15,969 6,065	5,719,041 2,421,380	
<i>Total reported and estimated for whole fleet, 2,784 vessels.</i>		35,630,163	28,033,651	7,602,512	22,934	8,140,430	

TABLE 9.—NUMBER, TONNAGE, VALUE, TRAFFIC OPERATIONS, INCOME AND EXPENDITURE, REGISTERED OR OWNED ON THE GREAT LAKES, ST. LAWRENCE

	LAKES, RIVERS, AND CLASSES OF VESSELS.	Number.	Tonnage.	Value.
1	St. Lawrence river	43	12,830	\$754,500
2	Steamers:			
3	Passenger and freight.....	21	10,007	602,500
4	Tugs	5	279	35,500
5	Ferry.....	2	274	14,000
6	Yachts	2	73	7,500
7	Miscellaneous.....	3	120	12,000
8	Sailing vessels:			
9	Schooners	2	424	8,500
10	Sloops.....	2	62	500
11	Unrigged.....	6	1,492	14,000
10	Lake Champlain.....	47	6,061	361,300
11	Steamers:			
12	Passengers and freight.....	9	3,087	225,000
13	Tugs	6	652	61,000
14	Ferry.....	1	5	1,500
15	Yachts	3	74	19,000
16	Miscellaneous.....	3	318	18,000
17	Sailing vessels:			
18	Schooners	22	1,747	32,700
17	Sloops.....	3	178	4,100

a Not including excursion passengers. No returns from the registration district of Plattsburg, N. Y.

CANALS.

TABLE 10.—STATE AND CORPORATION CANALS OPERATED, NUMBER OF LOCKS, COST OF CONSTRUCTION, FREIGHT TRAFFIC, INCOME AND EXPENDITURE, AND EQUIPMENT, BY STATES: 1889.

STATES.	Number of canals.	LENGTH. (MILES.)			Number of locks.	Cost of construction and improvement.	Freight traffic. (Tons.)	EARNINGS AND EXPENSES.	
		Total.	Canals operated.	Slack water operated.				Gross earnings.	Expenses.
The United States.	37	2,264.00	2,091.00	172.04	982	\$150,481,825	13,260,000	\$4,080,132.26	\$2,122,376.00
New York.	6	646.66	594.07	52.59	340	73,978,122	6,810,304	916,884.83	1,037,824.33
New Jersey.	3	171.02	171.02	-----	47	10,029,740	1,738,905	335,230.81	301,635.25
Pennsylvania.	6	404.98	414.98	50.05	204	32,020,122	1,350,065	2,430,829.04	470,169.34
Delaware.	1	14.00	14.00	-----	3	8,730,230	736,879	180,117.61	51,786.38
Maryland.	1	15.00	15.00	-----	-----	-----	-----	-----	-----
Virginia.	2	67.44	36.44	31.00	8	2,702,363	395,004	-----	-----
North Carolina.	3	13.00	13.00	-----	-----	400,000	2,124	-----	-----
Georgia.	2	25.00	25.00	-----	5	1,907,818	40,392	-----	5,000.00
Florida.	1	10.50	10.50	-----	-----	70,000	1,000	-----	5,500.00
Louisiana.	5	38.25	20.25	9.00	6	2,015,000	293,070	-----	-----
Texas.	1	98.00	8.00	80.00	-----	340,000	-----	-----	-----
Ohio.	4	658.00	658.00	-----	280	14,340,634	1,107,176	110,987.46	163,981.71
Illinois.	1	102.00	102.00	-----	16	7,357,787	742,391	101,073.51	85,478.98
Oregon.	1	0.75	0.75	-----	5	600,000	36,600	-----	-----

TABLE 11.—CANALS NOT REPORTING DETAILS OF FREIGHT TRAFFIC, INCOME AND EXPENDITURE, AND EQUIPMENT, BY STATES: 1889.

STATES.	Canals.	Miles operated (including slack water).	Freight traffic.	Income and expenditure.	Equipment.
New York.....	Champlain..... Black River.....	81.00 35.50	..... .....	No report..... do.....	
New Jersey.....	Penns Neck.....	2.02	No report.....	do.....	Ship canal.
Pennsylvania.....	Muncy.....	0.75	do.....	do.....	No report.
Delaware.....	Chesapeake and Delaware.....	14.00	Reported in Pennsylvania.	Reported in Pennsylvania.	Ship canal.
Maryland.....	Susquehanna and Tidewater.....	15.00	.....	.....	Reported in Pennsylvania.
Virginia.....	Albemarle and Chesapeake..... Dismal Swamp.....	38.44 20.00	..... .....	No report..... do.....	Ship canal. do.
North Carolina.....	Fairfield..... New Bern and Beaufort..... Albemarle and Chesapeake.....	4.50 3.00 5.50	..... No report.....	do..... do..... See Virginia.....	do. do. See Virginia.
Georgia.....	Augusta.....	9.00	.....	No report.....	Ship canal.
Florida.....	Santa Fe.....	10.50	.....	do.....	do.
Louisiana.....	New Basin..... Old Basin..... Harveys..... Companys..... St. Louis.....	6.50 2.00 5.75 22.25 1.75	..... No report..... do..... do.....	do..... do..... do..... do..... do.....	do. do. do. No report. Ship canal. do.
Texas.....	Galveston and Brazos.....	38.00	..... do.....	do.....	do.
Oregon.....	Willamette Transportation and Lock Company.	0.75	.....	do.....	do.

TABLE 12.—COMPARATIVE STATEMENT OF OPERATED MILEAGE OF STATE AND CORPORATION CANALS, CANALS OWNED BY THE UNITED STATES GOVERNMENT, AND CANALIZED RIVERS, BY STATES: 1880 AND 1890.

SUMMARY.

CANALS AND RIVERS.	Miles operated in 1890 (including slack water).	Miles operated in 1880 (including slack water).	Increase.	Decrease.
Total	3,383.27	3,235.78	147.49	.....
State and corporation canals	2,264.00	2,740.18	.....	481.58
United States Government canals	40.63	10.00	30.63	.....
Canalized rivers	1,078.04	470.00	598.44	.....

STATE AND CORPORATION CANALS.

STATES.	Canals.	Miles operated in 1890 (including slack water).	Miles operated in 1880 (including slack water).	Increase.	Decrease.	Remarks.
Aggregate		2,264.00	2,740.18	.....	481.58	
New York	Erie and branches	981.30	895.07	.....	13.08	
	Oswego	38.00	38.00	.....	
	Cayuga and Seneca	24.77	24.77	.....	
	Champlain and feeders	81.00	81.00	.....	
	Black River and feeders	35.50	78.00	.....	42.50	
	Delaware and Hudson	86.00	86.00	.....	
Total		646.06	702.84	.....	56.18	
New Jersey	Delaware and Raritan	60.00	60.00	.....	
	Morris	103.00	103.00	.....	
	Penns Neck	2.02	2.02	.....	
Total		171.02	171.02	.....	
Pennsylvania	Pennsylvania	103.00	333.00	.....	140.00	
	Delaware and Hudson	25.00	25.00	.....	
	Susquehanna and Tidewater	30.00	30.00	.....	
	Union	84.64	84.64	.....	
	Schuylkill Navigation Company	108.23	108.23	.....	
	Lehigh Coal and Navigation Company	108.00	108.00	.....	
	Muncy	0.75	0.75	.....	
Total		464.98	680.02	.....	224.04	
Delaware	Chesapeake and Delaware	14.00	14.00	.....	
Maryland	Chesapeake and Ohio	184.50	184.50	.....	
	Susquehanna and Tidewater	15.00	15.00	.....	
Total		15.00	190.50	.....	184.50	
Virginia	Albemarle and Chesapeake	38.44	38.44	.....	
	Dismal Swamp	29.00	29.00	.....	
	Alexandria and Georgetown	7.12	7.12	.....	
Total		67.44	74.56	.....	7.12	
North Carolina	Fairfield	4.50	4.50	.....	
	New Bern and Beaufort	3.00	3.00	.....	
	Albemarle and Chesapeake	5.50	5.50	.....	
Total		13.00	13.00	.....	
Georgia	Augusta	9.00	9.00	.....	
	Ogeechee	16.00	16.00	.....	
Total		25.00	25.00	.....	
Florida	Santa Fe	10.50	10.50	.....	
Louisiana	New Basin	6.50	6.50	.....	
	Old Basin	2.00	2.00	.....	
	Harveys	5.75	5.75	.....	
	Companys	22.25	12.00	10.25	.....
	Seoras	1.75	1.75	.....	
Total		38.25	28.00	10.25	.....

TABLE 12.—COMPARATIVE STATEMENT OF OPERATED MILEAGE OF STATE AND CORPORATION CANALS, CANALS OWNED BY THE UNITED STATES GOVERNMENT, AND CANALIZED RIVERS, BY STATES: 1880 AND 1890—Continued.

STATE AND CORPORATION CANALS—Continued.

STATES,	CANALS.	MILES OPERATED IN 1890 (INCLUDING SLACK WATER).	MILES OPERATED IN 1880 (INCLUDING SLACK WATER).	INCREASE.	DECREASE.	REMARKS.
Texas.....	Galveston and Brazos.....	38.00	38.00	.....	.....
Ohio.....	Ohio and branches.....	917.00	323.00	.....	6.00	
	Walhonding.....	25.00	25.00	.....	.....
	Hocking.....	42.00	42.00	.....	.....
	Miami and Erie.....	274.00	284.25	.....	10.25	
Total		658.00	674.25	.....	16.25	
Illinois	Illinois and Michigan.....	102.00	102.00	.....	.....
Oregon	Willamette Transportation and Lock Company.	0.75	0.75	.....	.....
Michigan.....	St. Marys Falls.....		1.02	.....	1.02	Sold to United States, 1881.
	Lake Superior.....		2.12	.....	2.12	Sold to United States, 1890.
Total			3.14	.....	3.14	

UNITED STATES GOVERNMENT CANALS.

Aggregate.....		40.63	10.00	30.63	.....
Michigan.....	St. Marys Falls.....	1.02	.....	1.02	.....	Purchased by United States, 1881.
	Lake Superior.....	2.12	.....	2.12	.....	Purchased by United States, 1890.
	Keweenaw Bay and Portage Lake.	5.00	.....	5.00	.....	Purchased by United States, 1890.
	St. Clair Flats.....	1.10	.....	1.10	.....
Total		9.33	.....	9.33	.....
Iowa.....	Des Moines Rapids.....	7.00	7.60	.....	.....
Alabama	Coosa.....	5.30	.....	5.30	.....
Kentucky	Louisville and Portland.....	2.40	2.40	.....	.....
Tennessee	Muscle Shoals.....	14.50	.....	14.50	.....
	Elk River Shoals.....	1.50	.....	1.50	.....
Total		16.00	.....	16.00	.....

TABLE 12.—COMPARATIVE STATEMENT OF OPERATED MILEAGE OF STATE AND CORPORATION CANALS, CANALS OWNED BY THE UNITED STATES GOVERNMENT, AND CANALIZED RIVERS, BY STATES: 1880 AND 1890—Continued.

CANALIZED RIVERS.

STATES.	Rivers.	Miles operated in 1890 (including slack water).	Miles operated in 1880 (including slack water).	Increase.	Decrease.
Aggregate		1,078.04	479.00	598.44	.....
Maine	Sango	7.00	7.00	.....	.....
New York	Black	42.50	.....	42.50	.....
	Oncida	20.00	20.00	.....	.....
	Seneca	7.70	7.70	.....	.....
Total		70.20	27.70	42.50	.....
Pennsylvania	Monongahela	102.00	85.00	17.00	.....
	Ohio (Davis Island)	6.00	6.00	6.00	.....
	Beaver	6.00	6.00	.....	.....
Total		114.00	91.00	23.00	.....
Virginia	Upper Appomattox	11.50	11.50	.....	.....
West Virginia	Great Kanawha	58.00	58.00	.....	.....
	Little Kanawha	40.00	40.00	.....	.....
Total		98.00	98.00	.....	.....
Ohio	Muskingum	75.00	75.00	.....	.....
Illinois	Illinois	227.00	.....	227.00	.....
Iowa	Mississippi (Des Moines Rapids)	4.40	.....	4.40	.....
Wisconsin	Fox	100.40	100.40	.....	.....
	Chippewa	9.00	9.00	.....	.....
Total		100.40	100.40	.....	.....
Kentucky	Kentucky	98.00	.....	98.00	.....
	Green and Barren	175.00	.....	175.00	.....
	Big Sandy	13.50	.....	13.50	.....
Total		286.50	.....	286.50	.....
Tennessee	Cumberland	14.40	14.40
Alabama	Black Warrior	0.04	0.04
Oregon	Columbia (at Cascades)	0.60	0.60

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TABLE 13.—COMPARATIVE STATEMENT OF FREIGHT TRAFFIC OF CANALS REPORTING IN 1880 AND 1890.

STATES.	Canals.	FREIGHT TRAFFIC. (TONS.)		Increase.	Decrease.
		1890	1880		
Aggregate		20,747,932	16,870,560	3,877,372	.....
New York.....	Erie and branches	3,673,554	4,608,651	.....	935,007
	Oswego	170,078	427,803	.....	257,725
	Cayuga and Seneca	196,188	125,381	70,807	.....
	Champlain	1,187,038	1,200,503	.....	13,465
	Black River	143,561	75,308	68,253	.....
	Delaware and Hudson	1,445,935	1,329,313	116,622	.....
Total.....		6,810,364	7,766,000	.....	950,065
New Jersey.....	Delaware and Raritan	1,276,269	1,348,082	.....	71,813
	Morris	402,030	503,480	.....	40,850
Total.....		1,738,005	1,851,568	.....	112,663
Pennsylvania.....	Pennsylvania	423,073	801,708	.....	488,725
	Susquehanna and Tidewater	195,555	302,205	.....	206,749
	Schuylkill Navigation Company	219,097	630,416	.....	410,719
	Lehigh Coal and Navigation Company	591,340	719,338	.....	127,998
Total.....		1,359,665	2,573,847	.....	1,214,182
Delaware	Chesapeake and Delaware	736,870	950,140	.....	222,207
Maryland	Susquehanna and Tidewater .....			.....	.....
Virginia	Albemarle and Chesaapeake	316,703	400,000	.....	83,207
	Dismal Swamp	78,211	6,731	71,480	.....
Total.....		395,004	406,731	.....	11,727
North Carolina.....	Albemarle and Chesapeake .....			.....	.....
	Fairfield	2,124	40,000	.....	37,876
Total.....		2,124	40,000	.....	37,876
Georgia	Augusta	28,608	2,697	20,971	.....
	Ogeechee	10,724	20,005	.....	4,181
Total.....		40,392	23,603	16,790	.....
Louisiana	New Basin	220,504	177,108	43,486	.....
	Old Basin	60,476	140,988	.....	74,512
Total.....		283,070	318,096	.....	25,026
Ohio	Ohio and branches	120,308	420,620	.....	300,228
	Walhonding	948	3,309	.....	2,361
	Hocking	7,353	35,200	.....	27,837
	Miami and Erie	609,477	928,737	615,740	.....
Total.....		1,107,176	791,902	315,214	.....
Illinois.....	Illinois and Michigan	742,891	751,360	.....	8,969
Michigan	St. Marys Falls	7,510,022	1,387,270	6,128,743	.....

TABLE 14.—COMPARATIVE STATEMENT OF INCOME AND EXPENDITURE OF STATE AND CORPORATION CANALS REPORTING IN 1880 AND 1890.

1890

STATES.	CANALS.	GROSS EARNINGS.	EXPENSES.	NET EARNINGS.	NET LOSS.
Aggregate		\$4,089,132.20	\$2,122,376.00	\$1,966,756.20	.....
New York.....	Erie and branches.....				
	Oswego.....	857,297.80	786,257.86	71,040.00	.....
	Cayuga and Seneca.....				
	Delaware and Hudson.....	59,586.97	251,566.47	.....	\$191,979.50
Total.....		916,884.83	1,037,824.33	.....	120,936.50
New Jersey.....	Morris.....	335,239.81	301,035.25	33,004.56	.....
Pennsylvania.....	Pennsylvania.....	172,342.19	228,808.99	.....	56,466.80
	Susquehanna and Tidewater.....	18,189.30	88,897.55	.....	70,708.25
	Schuykill Navigation Company.....	102,010.98	43,300.18	58,701.20	.....
	Lehigh Coal and Navigation Company.....	2,138,287.17	115,153.02	2,023,133.55	.....
Total.....		2,430,820.04	476,160.34	1,954,659.70	.....
Delaware.....	Chesapeake and Delaware.....	189,117.61	51,780.38	137,331.23	.....
Maryland.....	Susquehanna and Tidewater.....				
Georgia.....	Ogeechee.....	5,000.00	5,500.00	.....	500.00
Ohio.....	Ohio and branches.....				
	Walhonding.....	110,987.46	103,081.75	.....	52,904.20
	Hocking.....				
	Miami and Erie.....				
Total.....		110,987.46	103,081.75	.....	52,904.20
Illinois.....	Illinois and Michigan.....	101,073.51	85,478.95	15,594.50	.....

1880

Aggregate		\$3,202,148.00	\$1,977,036.00	\$1,224,512.00	.....
New York.....	Erie and branches.....				
	Oswego.....	1,136,011.00	727,780.00	408,822.00	.....
	Cayuga and Seneca.....				
	Delaware and Hudson.....	39,500.00	184,272.00	.....	\$144,772.00
Total.....		1,176,111.00	912,001.00	264,050.00	.....
New Jersey.....	Morris.....	215,077.00	160,418.00	55,259.00	.....
Pennsylvania.....	Pennsylvania.....	808,770.00	177,826.00	100,044.00	.....
	Susquehanna and Tidewater.....	55,280.00	35,979.00	19,281.00	.....
	Schuykill Navigation Company.....	573,183.00	160,052.00	403,181.00	.....
	Lehigh Coal and Navigation Company.....	300,854.00	122,167.00	178,087.00	.....
Total.....		1,298,017.00	505,024.00	792,993.00	.....
Delaware.....	Chesapeake and Delaware.....	201,783.00	62,245.00	139,538.00	.....
Maryland.....	Susquehanna and Tidewater.....				
Georgia.....	Ogeechee.....	7,300.00	6,080.00	820.00	.....
Ohio.....	Ohio and branches.....				
	Walhonding.....	105,055.00	204,407.00	.....	8,762.00
	Hocking.....				
	Miami and Erie.....				
Total.....		105,055.00	204,407.00	.....	8,762.00
Illinois.....	Illinois and Michigan.....	107,005.00	125,601.00	.....	17,096.00

EXPRESS COMPANIES.

TABLE 1.—BUSINESS DONE BY EXPRESS COMPANIES DURING THE YEAR ENDING JUNE 30, 1890, BY COMPANIES AND GEOGRAPHICAL GROUPS.

COMPANIES AND GEOGRAPHICAL GROUPS.	Number of freight waybills issued.	Number of packages carried on freight waybills.	Weight of packages carried on freight waybills. (Tons.)	Number of money waybills issued.	Number of packages carried on money waybills.	Number of money orders issued.
Total	44,475,628	68,118,430	1,646,273	11,614,676	17,258,082	4,508,567
Adams Express Company.....	10,612,212	22,805,904	308,452	2,450,988	3,050,478	.....
American Express Company.....	12,905,856	10,369,432	570,593	3,226,464	4,601,810	2,123,525
Camden and Atlantic Express Company (a).....			500			
Cincinnati, Georgetown and Portsmouth Express Company.....						
Denver and Rio Grande Express.....	108,252	513,300	15,011	56,616	80,008	30,553
Dominion Express Company.....	10,260	21,936	204	10,020	13,830	.....
Earle & Prew's Express.....	114,000	1,930,069	19,110	48,000	288,000	.....
Long Island Express Company.....	419,072	1,079,879	12,298	37,610	48,243	.....
National Express Company.....	606,757	1,171,041	28,300	128,282	207,826	.....
New England Despatch Express Company.....	25,000	75,000	1,375	3,844	9,500	.....
New York and Boston Despatch Express Company.....	224,072	1,349,100	18,057	60,977	170,410	.....
Northern Pacific Express Company.....	709,800	1,024,500	16,080	111,276	160,920	178,344
Pacific Express Company.....	3,636,661	6,691,500	97,772	1,478,203	2,035,064	457,196
Southern Express Company.....	2,238,006	6,503,576	48,484	633,228	1,040,040	.....
United States Express Company.....	7,500,691	13,856,812	207,887	2,148,369	3,183,032	805,552
Wells, Fargo & Co.'s Express.....	5,206,590	20,820,384	210,082	1,221,300	1,832,000	997,397
West Jersey Express Company (a).....						
By geographical groups (b):						
Group I.....	4,700,815	11,250,084	235,982	1,039,366	1,895,028	142,983
Group II.....	11,125,713	24,325,360	413,000	2,471,826	3,402,415	422,034
Group III.....	7,069,280	13,197,149	254,481	1,892,700	2,430,007	785,788
Group IV.....	1,177,715	2,855,018	50,800	278,000	410,858	8,703
Group V.....	2,620,000	7,307,424	71,765	700,205	1,640,568	63,082
Group VI.....	9,258,576	14,715,137	348,455	2,088,301	3,705,558	1,608,875
Group VII.....	1,171,144	3,822,088	42,817	350,277	510,077	155,322
Group VIII.....	3,485,217	8,239,117	116,273	1,163,166	1,638,574	454,038
Group IX.....	1,201,335	3,572,770	43,303	443,644	649,024	141,855
Group X.....	1,790,893	6,909,224	73,268	439,747	601,068	947,508
Not divided by groups (Northern Pacific Express Company).	700,800	1,024,500	10,080	111,276	160,920	178,344

a Returns included in report of railroad company of which the express company is a department.

b For areas of geographical groups, see page 895.

TABLE 2.—EQUIPMENT AND FIXTURES OF EXPRESS COMPANIES

	COMPANIES AND GEOGRAPHICAL GROUPS.	Total value.	CARS.		OFFICE SAFES.	
			Num- ber.	Value.	Num- ber.	Value.
1	Total.....	\$5,074,045.12	35	\$86,416.30	7,070	\$582,525.03
2	Adams Express Company.....	1,128,915.51			1,030	61,750.42
3	American Express Company.....	1,270,619.73			1,780	92,833.69
4	Camden and Atlantic Express Company.....	2,016.00				
5	Cincinnati, Georgetown and Portsmouth Express Company.....	15.00				
6	Denver and Rio Grande Express.....	45,850.00			98	7,000.00
7	Dominion Express Company.....	800.00			3	400.00
8	Earle & Prov's Express.....	41,252.25			13	2,415.00
9	Long Island Express Company.....	38,812.00			6	420.00
10	National Express Company.....	68,144.37			61	4,110.00
11	New England Despatch Express Company.....	21,780.00			12	600.00
12	New York and Boston Despatch Express Company.....	81,252.61			15	1,460.00
13	Northern Pacific Express Company.....	114,055.76			228	13,452.00
14	Pacific Express Company.....	620,225.04	15	80,000.00	1,070	227,600.66
15	Southern Express Company.....	201,517.89			828	38,800.35
16	United States Express Company.....	706,687.22			904	71,281.00
17	Wells, Fargo & Co.'s Express.....	721,245.74	20	56,416.30	670	58,347.01
18	West Jersey Express Company.....	6,760.00			4	1,200.00
19	By geographical groups:					
20	Group I.....	635,495.13			812	23,223.08
21	Group II.....	1,588,082.51	8	22,680.55	915	56,083.12
22	Group III.....	576,293.58	9	25,387.36	935	62,105.86
23	Group IV.....	78,151.35			267	10,401.00
24	Group V.....	210,267.98			702	42,487.85
25	Group VI.....	891,694.03	8	18,402.48	1,888	126,857.01
26	Group VII.....	138,904.94			295	28,917.19
27	Group VIII.....	460,805.49	10	20,000.00	1,264	131,470.50
28	Group IX.....	183,784.80			523	53,758.66
29	Net divided by groups (Northern Pacific Express Company)....	114,055.76			251	32,078.07
					228	13,452.00

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JUNE 30, 1890, BY COMPANIES AND GEOGRAPHICAL GROUPS.

MESSENGERS' SAFES.		MESSENGERS' TRUNKS.		HORSES.		WAGONS.		SLEIGHS.		Value of office fixtures.	Value of stable equipment including harness.
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
6,910	\$125,810.70	5,600	\$82,024.15	8,291	\$1,404,470.30	6,008	\$1,192,286.44	1,430	\$65,595.91	\$1,140,400.72	\$347,834.48
											1
1,414	18,617.45	1,444	21,112.00	1,948	368,220.00	1,495	273,318.30	237	13,120.50	291,184.22	81,570.02
1,907	27,974.00	1,704	13,212.50	2,103	892,054.00	1,522	307,525.00	710	20,543.25	330,814.57	81,772.72
4	100.00	4	10.00	6	800.00	4	800.00	.....	.....	50.00	250.00
1	15.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
145	10,625.00	20	520.00	51	10,200.00	35	7,875.00	8	80.00	6,000.00	3,000.00
8	240.00	8	100.00	.....	.....	.....	.....	.....	.....	.....	7
16	165.00	87	512.00	85	14,875.00	54	10,315.00	37	3,875.00	4,760.00	4,335.25
15	150.00	6	36.00	87	17,400.00	60	15,000.00	2	50.00	900.00	2,856.00
65	1,297.00	47	423.50	98	17,040.00	94	13,802.50	66	2,992.10	24,847.68	8,571.55
8	80.00	25	100.00	40	7,000.00	42	7,500.00	17	1,000.00	3,000.00	2,500.00
41	708.75	51	1,011.65	139	28,100.00	98	10,850.00	34	2,393.00	22,884.71	4,284.50
181	3,258.00	97	1,261.00	95	18,810.00	64	17,152.00	36	1,332.00	51,790.76	7,000.00
572	14,325.00	.....	.....	832	105,375.00	300	110,000.00	.....	.....	73,760.00	58,390.20
675	10,092.50	584	7,595.50	376	66,461.80	293	45,810.55	.....	.....	34,136.29	8,020.00
934	18,843.00	406	5,405.00	1,034	276,782.50	1,185	109,744.00	238	8,096.00	75,280.30	50,366.42
857	10,151.00	1,178	10,059.00	777	147,858.00	659	160,020.00	59	2,255.00	220,088.12	38,041.32
7	175.00	15	60.00	20	2,000.00	13	2,250.00	.....	.....	125.00	350.00
660	0,800.10	1,201	11,904.00	1,003	208,320.00	855	155,849.50	430	27,075.09	152,847.88	45,820.22
1,403	22,141.20	1,417	14,477.39	3,088	612,307.50	2,148	416,018.50	508	27,103.07	292,020.81	126,590.47
908	15,783.11	600	7,001.00	955	152,726.53	753	136,014.55	121	3,103.57	140,620.08	32,564.92
282	4,218.00	180	2,102.00	189	22,700.00	143	17,394.00	.....	.....	17,854.50	3,331.85
550	8,944.02	402	6,077.50	896	61,175.79	270	48,757.30	.....	.....	31,390.03	10,534.50
1,311	10,007.23	680	7,244.20	1,335	200,000.84	952	180,533.50	287	5,780.08	207,067.47	51,764.02
101	4,100.03	28	225.50	151	24,648.20	104	28,772.22	5	200.00	42,272.89	8,072.70
670	22,211.80	125	1,834.72	578	86,901.17	854	85,348.00	5	140.00	78,891.37	35,517.15
231	5,300.51	59	731.12	237	33,118.55	138	40,827.52	.....	.....	35,220.88	14,728.01
440	9,057.01	750	7,875.00	194	38,215.00	232	58,023.75	1	20.00	95,077.00	12,201.80
181	8,258.00	97	1,201.00	95	18,810.00	64	17,152.00	30	1,332.00	61,790.70	7,000.00

TABLE 3.—EXPENDITURES OF EXPRESS COMPANIES DURING THE YEAR

COMPANIES AND GEOGRAPHICAL GROUPS.	OPERATING EXPENSES			
	Paid to railroads.		Paid to water lines.	Paid to stage lines.
	Amount.	Per mile of line.		
1 Total.....	\$10,327,280.49	.....	\$173,222.13	\$60,670.38
2 Adams Express Company.....	4,504,203.40	103.31	60,833.12	5,502.38
3 American Express Company.....	4,878,846.33	121.57	10,747.00	4,060.71
4 Camden and Atlantic Express Company.....	3.46	.....	552.08	.....
5 Cincinnati, Georgetown and Portsmouth Express Company.....	.....	.....	.....	.....
6 Denver and Rio Grande Express.....	.....	.....	.....	.....
7 Dominion Express Company.....	5,940.00	23.57	.....	.....
8 Earle & Prew's Express.....	48,579.50	332.74	21,800.00	.....
9 Long Island Express Company (a).....	.....	.....	.....	.....
10 National Express Company.....	248,503.11	179.42	1,250.17	473.55
11 New England Despatch Express Company.....	22,497.16	25.36	13,072.03	.....
12 New York and Boston Despatch Express Company.....	123,374.42	309.03	4,244.68	.....
13 Northern Pacific Express Company.....	403,023.30	85.40	2,048.85	533.03
14 Pacific Express Company.....	1,074,205.89	93.45	3,402.77	472.07
15 Southern Express Company.....	1,442,504.50	66.44	245.04	.....
16 United States Express Company.....	3,255,504.44	158.13	20,017.05	.....
17 Wells, Fargo & Co.'s Express.....	2,418,145.44	104.55	17,546.64	40,028.04
18 West Jersey Express Company.....	1,010.54	.....	.....	.....
By geographical groups:				
19 Group I.....	1,681,423.73	.....	105,439.27	1,620.61
20 Group II.....	4,386,300.16	.....	20,005.00	779.60
21 Group III.....	3,142,360.09	.....	14,400.44	1,307.52
22 Group IV.....	721,066.08	.....	875.11	.....
23 Group V.....	1,301,023.99	.....	718.50	4,340.53
24 Group VI.....	3,947,871.78	.....	7,053.22	1,007.38
25 Group VII.....	644,892.15	.....	.....	.....
26 Group VIII.....	1,038,030.73	.....	903.70	.....
27 Group IX.....	639,814.21	.....	69.48	.....
28 Group X.....	720,025.28	.....	21,000.41	50,100.71
29 Not divided by groups (Northern Pacific Express Company).....	403,023.30	.....	2,648.85	533.03
30 Dividends for United States.....	.....	.....	.....	.....

a Returns included in report of railroad company of which the express company is a department.

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ENDING JUNE 30, 1890, BY COMPANIES AND GEOGRAPHICAL GROUPS.

OPERATING EXPENSES—continued.				Total operating expenses.	Taxes.	DIVIDENDS.		Total expenditures.
Paid for salaries and wages.	Paid for local expenses and repairs.	Paid for general expenses.	Paid for other expenses of operation.			Amount.	Per cent.	
\$10,170,097.55	\$3,500,045.83	\$826,715.50	\$2,280,663.82	\$42,413,704.70	\$171,370.31	\$3,198,048.31	.....	\$45,783,123.32 1
3,860,111.21	1,273,432.08	132,452.38	186,068.28	10,051,563.75	31,028.70	960,000.00	8	11,042,592.45 2
4,388,103.11	1,282,284.25	262,323.70	147,098.19	10,079,502.38	73,132.30	1,080,000.00	6	12,132,684.68 3
11,390.34	.....	54.32	4,086.20	16,606.09	.....	.....	.....	16,606.09 4
1,080.00	.....	.....	.....	1,080.00	.....	.....	.....	1,080.00 5
106,071.34	35,849.07	9,038.35	620.37	152,188.13	.....	.....	.....	152,188.13 6
3,648.00	35.44	887.50	472.00	10,082.94	3.18	.....	.....	10,986.12 7
84,740.83	36,080.80	2,236.40	9,875.66	203,022.10	320.50	24,361.97	.....	228,044.66 8
236,964.71	60,068.59	16,057.42	18,755.17	582,972.72	3,052.57	37,200.00	8	623,225.29 10
52,271.00	22,400.71	1,410.92	6,700.00	119,321.42	b1,181.60	.....	.....	120,503.02 11
176,037.22	84,115.47	3,452.72	12,085.23	404,260.74	1,930.01	7,357.85	.....	413,592.60 12
257,993.58	.....	66,681.67	54,143.88	785,026.31	c0,305.75	130,128.49	.....	933,520.55 13
1,304,595.44	350,518.99	87,145.99	.....	8,726,401.75	.....	.....	.....	3,726,401.75 14
1,251,078.72	190,881.42	121,558.07	13,123.86	3,019,482.21	20,859.87	.....	.....	3,040,342.08 15
2,602,037.02	100,170.05	74,889.22	830,774.84	6,890,302.52	14,864.10	450,000.00	44	7,355,250.02 16
1,797,821.38	110,030.06	47,857.39	975,515.03	5,423,143.98	15,022.73	500,000.00	8	5,938,700.71 17
33,054.05	.....	67.36	11,927.02	46,668.57	.....	.....	.....	46,668.57 18
1,758,528.52	571,751.50	71,114.08	114,331.31	4,304,209.02	24,494.87	.....	.....	4,328,704.79 19
4,006,737.08	1,280,235.83	198,075.90	600,972.73	11,102,707.26	54,037.70	.....	.....	11,150,744.00 20
2,122,054.34	365,451.38	80,015.17	356,976.02	6,084,382.06	17,023.74	.....	.....	6,102,306.70 21
480,412.43	73,447.01	77,772.87	29,044.24	1,391,618.01	6,608.19	.....	.....	1,398,226.83 22
1,096,084.07	170,508.01	53,004.02	47,069.74	2,770,070.96	17,837.02	.....	.....	2,787,908.88 23
3,052,745.40	611,180.24	150,888.04	350,057.89	8,122,703.04	27,111.60	.....	.....	8,140,814.73 24
432,291.28	52,840.72	15,822.55	147,390.05	1,299,176.75	2,874.07	.....	.....	1,295,550.82 25
1,252,773.53	275,757.37	67,358.08	182,845.00	3,418,359.99	3,831.12	.....	.....	3,422,191.11 26
409,891.06	94,910.17	24,772.90	101,816.20	1,361,280.02	2,754.90	.....	.....	1,364,034.92 27
600,084.07	48,880.80	10,040.12	314,116.80	1,780,168.85	5,030.80	.....	.....	1,785,100.21 28
257,993.58	.....	60,083.67	54,143.88	785,026.31	9,365.75	.....	.....	704,392.06 29
						3,198,048.31	.....	3,198,048.31 30

b Includes interest payments, \$800.*c* Represents deductions from income.

TABLE 4.—MILEAGE OPERATED BY EXPRESS COMPANIES
TOTAL EXPRESS MILEAGE.

	COMPANIES.	1880	1881	1882	1883
1	Total.....	102,810.75	115,236.28	126,393.01	141,146.88
2	Adams Express Company.....	15,644.57	18,168.07	19,360.91	19,330.48
3	American Express Company.....	26,595.09	28,132.08	30,627.17	35,022.11
4	Baltimore and Ohio Express Company.....	1,555.49	1,592.97	1,635.07	1,688.29
5	Camden and Atlantic Express Company.....	67.70	73.50	73.50	66.70
6	Canadian Express Company.....	237.81	237.81	237.81	237.81
7	Cincinnati, Georgetown and Portsmouth Express Company.....	20.40	34.80	34.80	34.80
8	Delaware, Lackawanna and Western Express Company.....	818.42	925.52	1,065.92	1,021.87
9	Denver and Rio Grande Express.....	474.00	786.00	1,105.00	1,028.00
10	Dominion Express Company.....				
11	Earle & Frew's Express.....	419.00	419.00	419.00	403.00
12	Erie Express Company.....				
13	Erie and New England Express Company.....			206.27	206.27
14	Long Island Express Company.....				354.12
15	Louisville, New Albany and Chicago Express Company.....	289.40	289.40	377.39	
16	National Express Company.....	1,381.00	1,381.00	1,448.79	2,234.89
17	New England Despatch Express Company.....	2,574.00	2,574.00	2,574.00	2,574.00
18	New York and Boston Despatch Express Company.....	484.00	484.00	612.00	612.00
19	Northern Pacific Express Company.....	580.00	618.00	839.00	8,056.20
20	Ohio and Mississippi Express Company.....	616.20	616.20	616.20	616.20
21	Pacific Express Company.....	7,172.00	9,734.70	11,225.00	12,375.05
22	Philadelphia and Reading Express Company.....	1,004.00	1,118.00	1,118.00	1,107.00
23	Pittsburg and Western Express Company.....				208.87
24	Southern Express Company.....	11,330.30	11,977.02	13,088.35	14,723.29
25	St. Louis, Iron Mountain and Southern Express Company.....	685.00	719.00		
26	Texas Express Company.....	2,541.54	3,650.23	4,792.79	4,470.42
27	United States Express Company.....	12,214.84	13,108.50	14,580.25	14,727.35
28	United States and Canada Express Company.....	1,801.72	1,861.72	1,861.27	1,744.82
29	Union Express Company.....	1,053.77	2,170.17	2,770.15	3,105.03
30	Wells, Fargo & Co.'s Express.....	11,006.71	14,035.27	15,004.05	18,806.85
31	Westcott's Express Company (a).....	320.01	333.72	352.67	
32	West Jersey Express Company.....	182.01	185.91	200.05	212.00

a Continued after 1882 as the Long Island Express Company.

TRANSPORTATION,

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EACH YEAR, BY COMPANIES: 1880 TO 1890.

TOTAL EXPRESS MILEAGE.

COMPENDIUM OF THE ELEVENTH CENSUS: 1890.

TABLE 4.—MILEAGE OPERATED BY EXPRESS COMPANIES
MILEAGE OPERATED OVER RAILROADS.

	COMPANIES.	1880	1881	1882	1883
1	Total.....	90,649.75	102,614.28	114,120.01	128,688.38
2	Adams Express Company	14,351.57	16,803.07	17,985.01	18,110.48
3	American Express Company	24,903.00	26,855.08	28,573.17	33,081.61
4	Baltimore and Ohio Express Company.....	1,555.49	1,502.07	1,635.07	1,088.29
5	Camden and Atlantic Express Company.....	67.70	78.50	73.50	66.76
6	Canadian Express Company	237.81	237.81	237.81	237.81
7	Cincinnati, Georgetown and Portsmouth Express Company.....	20.40	34.80	34.80	34.80
8	Delaware, Lackawanna and Western Express Company.....	818.42	925.52	1,065.02	1,021.87
9	Denver and Rio Grande Express	474.00	780.00	1,105.00	1,928.00
10	Dominion Express Company				
11	Earle & Prev's Express.....	201.00	201.00	201.00	245.00
12	Erie Express Company				
13	Erie and New England Express Company.....			206.27	206.27
14	Long Island Express Company				354.12
15	Louisville, New Albany and Chicago Express Company.....	289.40	289.40	377.39	
16	National Express Company	1,150.69	1,160.09	1,217.70	2,003.89
17	New England Despatch Express Company.....	1,167.00	1,167.00	1,167.00	1,167.00
18	New York and Boston Despatch Express Company.....	251.00	251.00	379.00	379.00
19	Northern Pacific Express Company	586.00	618.00	830.00	1,882.20
20	Ohio and Mississippi Express Company	616.20	616.20	616.20	616.20
21	Pacific Express Company	7,172.09	9,734.70	11,225.00	12,875.05
22	Philadelphia and Reading Express Company	1,004.00	1,118.00	1,118.00	1,167.00
23	Pittsburg and Western Express Company.....				208.87
24	Southern Express Company	11,330.30	11,977.02	13,088.35	14,723.20
25	St. Louis, Iron Mountain and Southern Express Company.....	685.00	710.00		
26	Texas Express Company	2,541.54	3,659.23	4,702.70	4,470.42
27	United States Express Company.....	12,214.84	13,108.50	14,580.25	14,727.35
28	United States and Canada Express Company.....	1,861.72	1,861.72	1,861.27	1,744.32
29	Union Express Company	1,953.77	2,170.17	2,770.15	8,105.93
30	Wells, Fargo & Co.'s Express	4,003.71	6,644.27	8,347.05	12,261.85
31	Westcott's Express Company (a)	320.01	333.72	352.07	
32	West Jersey Express Company	182.01	185.01	200.85	212.00

MILEAGE OPERATED OVER WATER LINES.

		7,030.00	7,000.00	7,366.00	8,393.50
33	Total				
34	Adams Express Company	1,104.00	1,104.00	1,104.00	1,076.00
35	American Express Company	1,663.00	1,723.00	1,993.00	1,874.50
36	Earle & Prev's Express	218.00	218.00	218.00	218.00
37	National Express Company	231.00	231.00	231.00	231.00
38	New England Despatch Express Company	1,407.00	1,407.00	1,407.00	1,407.00
39	New York and Boston Despatch Express Company	233.00	233.00	233.00	233.00
40	Northern Pacific Express Company				1,174.00
41	Pacific Express Company				
42	United States Express Company				
43	Wells, Fargo & Co.'s Express	2,180.00	2,180.00	2,180.00	2,180.00

MILEAGE OPERATED OVER STAGE LINES.

	Total	5,131.00	5,526.00	4,898.00	4,065.00
44	Adams Express Company	189.00	261.00	270.00	195.00
45	American Express Company	20.00	54.00	61.00	66.00
46	National Express Company				
47	Northern Pacific Express Company				
48	Wells, Fargo & Co.'s Express	4,013.00	5,211.00	4,567.00	3,804.00

a Continued after 1882 as the Long Island Express Company.

TRANSPORTATION.

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EACH YEAR, BY COMPANIES: 1880 TO 1890—Continued.

MILEAGE OPERATED OVER RAILROADS.

1884	1885	1886	1887	1888	1889	1890
128,801.60	131,557.14	130,202.83	151,271.16	154,406.50	157,897.00	160,507.51
18,205.47	18,570.28	19,700.68	20,784.75	24,401.73	24,817.90	23,300.50
34,655.51	33,873.78	34,384.64	36,175.87	36,790.70	38,510.75	40,133.00
2,075.09	2,086.00	2,803.80	4,852.02	.....	.....	3,400.00
60.76	79.27	79.27	79.27	79.93	81.17	78.03
237.81	237.81	237.81	237.81	237.81	237.81	237.81
34.80	42.00	42.00	42.00	42.00	42.00	42.00
1,021.87	1,021.50	1,057.75	.....	.....	.....	7.00
1,860.00	1,080.00	1,086.00	1,756.00	1,872.00	1,902.00	2,100.50
20.00	20.00	20.00	20.00	20.00	252.00	252.00
245.00	245.00	245.00	245.00	245.00	245.00	146.00
		2,025.75	2,041.38	.....	.....	12.00
354.12	355.81	356.50	360.38	356.81	360.04	352.70
2,080.06	2,116.50	2,147.94	2,188.02	2,026.84	2,013.83	1,385.00
1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	887.00
351.00	374.00	374.00	374.00	374.00	374.00	399.23
2,439.84	2,640.47	2,643.21	3,853.45	3,330.61	3,468.61	4,710.00
616.25	.....	.....	.....	.....	.....	20.00
13,152.80	13,488.18	17,041.51	18,763.30	18,097.60	19,849.48	21,127.00
1,263.00	1,383.00	1,383.00	1,383.00	.....	.....	22.00
288.17	288.17	340.37	340.37	371.47	.....	23.00
15,800.76	17,253.10	17,123.60	17,220.10	17,701.62	18,092.42	21,714.00
4,470.42	4,035.85	1,853.08	2,248.53	1,403.06	1,515.30	.....
14,016.86	15,130.42	15,820.28	19,036.43	22,538.34	20,402.13	20,587.50
13,438.08	14,624.02	15,837.06	17,280.46	22,444.04	23,320.70	23,128.00
223.98	223.85	222.81	233.03	212.98	245.50	245.00

MILEAGE OPERATED OVER WATER LINES.

8,370.50	8,538.50	8,680.50	8,724.50	9,014.50	8,207.50	10,882.00	93
1,070.00	1,111.00	1,187.00	1,385.00	1,410.00	1,403.00	1,437.00	34
1,857.50	1,908.50	1,928.50	1,734.50	1,714.50	1,659.50	2,803.00	82
218.00	218.00	218.00	218.00	218.00	218.00	218.00	30
231.00	231.00	231.00	231.00	231.00	231.00	231.00	37
1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	38
233.00	233.00	233.00	233.00	233.00	233.00	233.00	38
1,174.00	1,250.00	1,305.00	100.00	100.00	100.00	161.00	40
			1,200.00	1,330.00	195.00	195.00	41
			65.00	310.00	316.00	891.00	42
2,180.00	2,180.00	2,180.00	2,055.00	2,055.00	2,055.00	3,246.00	43

MILEAGE OPERATED OVER STAGE LINES.

4,295.00	5,084.00	4,367.00	3,705.00	4,207.00	3,752.00	3,055.00	45
128.00	118.00	90.00	124.00	124.00	103.00	181.00	45
50.00	25.00	50.00	54.00	78.00	100.00	180.00	45
		28.00	24.00	0.00		20.00	45
4,117.00	4,941.00	4,204.00	3,563.00	3,090.00	3,450.00	2,724.00	45

TABLE 5.—EMPLOYÉS OF EXPRESS COMPANIES JUNE 30, 1890, BY COMPANIES AND GEOGRAPHICAL GROUPS.

COMPANIES AND GEOGRAPHICAL GROUPS.	Total.	Gen- eral offi- cers.	Super- intend- ents and route agents.	General office clerks.	Agents.	Assist- ants to agents.	Messen- gers.	Bag- gage- men- tlemen employed as mes- sengers.	Drivers of wag- ons.	All oth- ers.
Total.....	45,718	86	320	1,377	21,065	7,052	4,130	1,405	4,877	4,500
Adams Express Company.....	9,002	9	38	230	4,092	1,061	739	380	1,125	1,373
American Express Company.....	11,973	30	78	344	5,499	1,874	1,431	184	1,286	1,241
Camden and Atlantic Express Company.....	83	1		1	19			6	6	
Cincinnati, Georgetown and Portsmouth Express Company.....	4						1			3
Denver and Rio Grande Express.....	264	1	5	12	137	30	30	11	20	.....
Dominion Express Company.....	50		4		18		14	2		12
Earl & Prew's Express.....	100	2		30	26		15	11	57	46
Long Island Express Company.....	82		1				15		60	
National Express Company.....	587	7	6	20	215	95	70	13	84	71
New England Despatch Express Company.....	174	2	2	3	52		20	10	75	10
New York and Boston Despatch Express Company.....	851	3	2	16	106	47	18	22	70	58
Northern Pacific Express Company.....	833	6	12	38	412		131		90	140
Pacific Express Company.....	5,404	4	43	125	2,200	2,374	225	54	400	.....
Southern Express Company.....	3,754		43	100	2,427	276	333	170	163	233
United States Express Company.....	7,079	4	43	216	3,202	743	546	913	864	1,088
Wells, Fargo & Co.'s Express.....	5,690	10	43	222	2,524	1,462	533	208	479	219
West Jersey Express Company.....	98	1		1	67			15	14	
By geographical groups:										
Group I.....	3,074	10	26	91	1,407	644	487	130	680	490
Group II.....	11,542	49	52	611	3,803	1,918	830	601	1,711	1,007
Group III.....	6,071	1	39	107	3,320	780	676	103	571	534
Group IV.....	1,685		15	24	1,197	94	127	64	80	84
Group V.....	3,241		33	76	1,968	346	290	115	108	216
Group VI.....	8,801	7	50	88	4,018	1,385	801	145	830	802
Group VII.....	1,395	5	17	127	694	380	102	24	113	24
Group VIII.....	4,347	1	38	47	2,075	1,207	354	71	344	120
Group IX.....	1,705		15	7	782	592	112	35	137	25
Group X.....	2,034	7	14	106	889	557	230	27	108	36
Not divided by groups (Northern Pacific Express Company).	823	6	12	33	412		131		90	140

WEALTH, DEBT, AND TAXATION.

(VALUATION AND TAXATION.)

WEALTH, DEBT, AND TAXATION.

(VALUATION AND TAXATION.)

The report of the census for 1890 on Wealth, Debt, and Taxation consists of two parts: Part I—Public debt; Part II—Valuation and taxation. A synopsis of Part I is published in the second part of the Compendium, pages 311 to 464, the material for the report on valuation and taxation not being ready for publication at the date of the issue of Part II of the Compendium.

WEALTH OF THE NATION.

The true valuation of all tangible property in the United States, exclusive of Alaska, at the close of the census period, 1890, amounted to \$65,037,091,197. In this total no account is taken of property not within the limits of the United States at the period mentioned. Nor is any account taken of any form of credit money or of promissory notes, mortgages, or securities, although such items are frequently subject to ad valorem taxation.

The term "true valuation" is used to express a fair selling price for the property in question at the date mentioned, and is used in distinction from that of "assessed valuation", which is a valuation put only upon property taxed and for taxation purposes.

The true valuation for 1890 is classified as follows:

Total.....	\$65,037,091,197
Real estate, with improvements thereon.....	39,544,544,333
Live stock on farms, farm implements, and machinery.....	2,703,015,040
Mines and quarries, including product on hand.....	1,291,291,579
Gold and silver coin and bullion.....	1,158,774,948
Machinery of mills and product on hand, raw and manufactured.....	3,058,593,441
Railroads and equipments, including \$389,357,289 for street railroads..	8,685,407,323
Telegraphs, telephones, shipping, canals, and equipment.....	701,755,712
Miscellaneous	7,893,708,821

The term real estate includes all lands and lots with improvements thereon, but does not include mines, quarries, telegraphs, telephones, or railroads, except that in a few states where the roadbed, station houses, and repair shops of railroads are classed as real estate for purposes of taxation and their value not separately reported.

The real estate of the country assessed for taxation and exempt therefrom is classified in area and value as follows:

CLASSIFICATION.	Acres.	Value.
Total	1,900,800,000	\$39,544,544,383
Distributable into counties.....	1,214,973,406	38,603,512,955
National vacant lands and Indian reservations....	685,826,594	941,031,378

To ascertain the true value of real estate distributable into counties, inquiries were sent to county and municipal officers empowered to assess property for purposes of taxation, asking them to state what, in their opinion, was the relation between the assessed and the true value of the real estate as respectively assessed by them; and, to corroborate their reports, more than 25,000 inquiries were sent throughout the country to persons believed to be familiar with the values of real estate, asking their opinions as to the relation between the assessed and true value in their respective localities, and the replies received were carefully considered in connection with the reports of the assessors. The value of farm lands as reported by the enumerators was also carefully noted.

To further insure the accuracy of the results for the entire country, a statement showing for the state or territory the true value of real property by counties was sent to the governor, with a request that he approve it, or suggest such changes therein as he might deem necessary or proper. The changes suggested have been made, but they were few and of but little importance.

No attempt has been made to ascertain the value of improvements separate from that of lands, or of city or town lots separate from other lands measured by acres, as the state reports do not generally make such divisions, and original investigations as to land values have not been instituted by the Census Office.

The value of live stock on farms and of farm implements and machinery is that obtained by the enumerators from the owners of the property, as required by law.

The value of mines and quarries, including product on hand, is the capital invested in these enterprises, as shown by the Report on Mineral Industries for the Eleventh Census. It does not represent the amount of capital stock issued, but is the actual investment in the land, buildings, fixtures, tools, implements, live stock, and machinery, including in some cases a small amount of cash on hand, which was not reported separately and could not therefore be eliminated. The commercial value of the mines varies from day to day, but it is thought as only mines are included which appear to be yielding more or less product that their average commercial value would be at least the amount of capital actually invested therein. The lands and buildings belonging to mines in some states are assessed as real estate, and to that extent their value may be also included in that of real estate, as herein reported, but at most the amount is not relatively great. In case the tax is levied on the product, as in several states, the real estate and improvements are not assessed for taxation, and consequently would not be embraced in any real estate values herein published.

The value of gold and silver coin and bullion in the country is the amount estimated by the Director of the Mint in his report for 1890. The means employed by him to ascertain this amount are fully set forth in his report. The distribution of the values among the several states is, however, the work of the Census Office. The amount of such coin and bullion in the hands of banks, bankers, and banking institutions being known and published, each state was credited with the amount thus held and the remainder distributed among the several states according to population. It is well known that of this coin and bullion the greater part is held in the government vaults

at New York, Philadelphia, Washington, and San Francisco, but this wealth is owned to a great extent by the holders of gold and silver certificates issued thereon, which pass as money, and this distribution would give to each state a fair share of these metals regardless of their place of deposit.

The value by states and territories of the machinery of mills and product on hand, raw and manufactured, is as reported by the owners, as required by law.

The value of railroads and equipments, including street railroads, \$8,685,407,323, here used represents the cost of their construction and equipment, about 7,000 miles being estimated. Had the value been based upon the net earnings of the roads during the census year 1890, capitalized at 5 per cent, the amount would have been \$7,935,912,420, of which the value of street railroads would have been \$572,120,520. The roads at the same time report their value (permanent investment) to be \$9,715,322,439, including \$362,378,584 street railroads. The distribution of the value among the several states has been made according to mileage, that being the most feasible plan suggested for such distribution, and being the one employed in the several states where railroads not wholly within their respective limits are assessed for taxation.

The value of telegraphs, telephones, and canals and equipments is based upon the net earnings derived therefrom, capitalized at 5 per cent. The value of the two former is distributed among the several states, from lack of any better plan, in proportion to the true value of real estate.

The total value of shipping, which includes lake and river craft as well as ocean, is as reported to the Census Office. That for steam vessels is given by states, but that of sailing vessels is distributed among the several states in proportion to the tonnage of such vessels.

Of the miscellaneous, the value of furniture and personal belongings constitutes a large portion. To arrive at the value of such property an examination was made of more than 8,000 insurance policies on contents of houses not located in large cities, and the result showed the average value of furniture insured in such houses to be \$387. The value of private carriages and tools of mechanics is not known, but it is believed that for each house in the United States there would be of furniture, tools, and carriages an average amount of \$400, making for the entire country a value of about \$5,000,000,000. Included as miscellaneous also is the value of cattle not on farms, of merchandise in stock, of agricultural products not yet consumed nor otherwise included as merchandise, the values of which have been respectively approximated from the returns of local assessors, showing a value put upon them for taxation. The number of cattle and other stock on ranges, however, had been officially reported, and the value given to them is that of agents familiar with such valuations. There was also included the value of public libraries and of personal property owned by the national, state, and local governments exempt from taxation, returns of which have been received from every county and nearly every municipality in the country, and the value of foreign goods in bond amounting to about \$43,000,000, as reported by the Secretary of the Treasury.

These items embrace substantially all the wealth of the country. Their respective amounts are to a certain extent approximated and their division among the states necessarily somewhat arbitrary, but it is believed that, from the checks that have been instituted, the total value of all items as reported would not vary any considerable amount from the absolute value were such value obtainable.

The true valuation of the real and personal estate of the country has been made at the end of each decade, commencing with 1850, and published by the Census Office. The following table shows the true valuation, the assessed valuation, and the per

capita valuations for each decade, and the percentage of increase of both valuations for each period:

YEARS.	TRUE VALUATION.			ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED.		
	Total.	Per capita.	Per cent of increase.	Total.	Per capita.	Per cent of increase.
1850.....	\$7,185,780,228	\$308	.....	\$6,024,000,000	\$260	.....
1860.....	10,150,010,068	514	126.46	12,084,560,005	384	100.58
1870.....	80,068,518,507	780	80.07	14,178,980,732	368	17.33
1880.....	43,642,000,000	870	45.14	17,139,903,495	342	20.88
1890.....	65,037,091,107	1,036	49.02	25,473,173,418	407	48.62

A preliminary publication by the Census Office of the true valuation of 1890 compared with that of the previous decades, as above shown, has been subjected to adverse criticism by the public press and writers who have made special study of this subject. They allege that the methods pursued by which the results of previous decades, especially for 1850 and 1860, are ascertained were not uniform with those employed by the Eleventh Census, and that the results therefore admit of no comparisons.

The objections are summarized in the following extract from a letter addressed to the Census Office by a well known writer on economic topics:

I beg to call your attention to the tables of valuation of wealth now being completed in the Census Office. It is quite useless for the department to continue the old warnings against comparisons of the present returns and the past returns, because so long as the department publishes the old, crude, and utterly incorrect figures, so long they will certainly be used in public discussion. What ought to be done is to correct the old returns and recast them upon the same principle on which the new returns or estimates have been made. This ought to be done in the Census Office, which made the original blunders, and which ought now to correct them. But so far from doing this, the superintendents of the census, both in 1870 and 1880, prepared elaborate estimates of wealth, upon principles which they did not explain, and then put them side by side with similar estimates made in 1860 and 1850, upon entirely different principles, which they also did not explain.

Now, while the methods by which the estimates of 1870 and 1880 were arrived at are not easily ascertainable, except by personal inquiry of the gentlemen who made them, the methods by which the estimates of 1850 and 1860 were reached are very easily ascertained. In those two periods the estimate of true wealth was left to the marshals of the different districts, who simply added to the local assessments such a percentage as they thought the assessors themselves would have added if they had wanted to ascertain the real value. In other words, they increased the local assessments just as much as they thought that the assessors had intentionally cut them down.

Now, the only fair way of comparing such different valuations is, either to reduce the valuations of 1890, 1880, and 1870 to the standard of 1860 or to increase the valuation of 1860 by estimating it on the principles of 1890.

In answer to such suggestions it may be stated that at this day any correction of the figures of true valuation for any previous census period is utterly impossible, however desirable such correction may be, the necessary information for the purpose not being procurable. The methods pursued, however, in each decade in arriving at such results and a summary of evident differences in the valuations resulting therefrom, as compared with those for 1890, may be briefly stated.

The first effort of the government to obtain a statement of the valuation of the property of the country was made under the census act of 1850. The instructions on the schedules issued to United States marshals, through whom the census statistics for that year were collected, required those officers to obtain statistics of the valuation of real and personal property as assessed for taxation, and in addition

thereto the true valuation of such property, for obtaining which the schedules contained instructions as follows:

The "true valuation" of all property should be estimated at what is its cash value in the place where it is situated. In some places, however, it is valued by appraisers at two-thirds or one-half of its just value and the assessment made upon such valuation. If in the estimate of an estate it is valued at other than its true worth the true valuation should be stated, which may easily be done by adding the proper per centum to the recorded valuation.

No valuation statistics of the above character were, however, published in the final report of the Seventh Census (1850), but in a preliminary report of the Superintendent, dated December 1, 1852, transmitted to Congress by the Secretary of the Interior and published by that body, a table of such values is published under the heading of "Real and personal estate", with the following remark:

The table of real and personal estate owned by individuals is made up from official returns of property for taxation. Where the assessment has been made on a sum less than the intrinsic worth, the assistant marshals were instructed to add the necessary percentage. For the purposes of taxation the full amount is not generally given, in rural districts especially. Stocks or bonds owned by states or by the general government are not represented. The value of slaves is included.

In the report of the Eighth Census (1860), Mortality and Miscellaneous Statistics, page 294, the assessed and true valuations for 1850 and for 1860 are reported with the following text:

The marshals of the United States were directed to obtain from the records of the states and territories, respectively, an account of the value of real and personal estate as assessed for taxation. Instructions were given these officers to add the proper amount to the assessment, so that the return should represent as well the true or intrinsic value as the inadequate sum generally attached to property for taxable purposes. The result of this return by all the census takers will be found in Table No. 2, whereby it will appear that the value of individual property in the states and territories exceeds the sum of \$16,000,000,000, representing an increase of 126.5 per centum in 10 years in value in the aggregate, and an increase of 68 per cent per capita of the free population. * * *

It must be borne in mind that the value of all taxable property was returned, including that of foreigners as well as natives, while all was omitted belonging to the state or United States. In considering the relation of population to wealth, the fact must be borne in mind that a much larger proportion of the property of the western than the eastern states is held by nonresidents, and that this circumstance is not without its influence in exaggerating the wealth of individuals in states where large investments have been made by persons resident elsewhere.

In 1870 the duty of ascertaining the assessed and true valuation of property was again confined to the United States marshals, and the report for that period says that the two points particularly dwelt upon in instructions from the Census Office in the matter of valuation were, first, the undervaluation of real estate in assessments for taxation; second, the large class of personal property lawfully exempt from taxation, the class disregarded by the assessors, or that which by evasion or fraud escapes taxation. Of the first class the report says:

For the majority of the states and for the vast majority of the property of the country, the additions to be made to assessed values on account of the undervaluation of real estate have been calculated with great nicety by competent investigators.

But in determining how much should be added to the assessed valuation of the country on account of the exemption or escape of personal property from taxation in 1870, the report admits no such accurate methods could be applied and that the result reached must be characterized rather as an impression than an opinion. The report further says that no attempt has been made to eliminate the amount of mortgages on real estate forming a part of the personal property taxed, though to that extent there was an evident duplication of values, and that for comparisons the total results should be decreased 20 per cent to reduce the valuation to a gold standard in which the

valuations of other periods are stated. The final results are published by states, but with no figures showing in detail the amount or kind of the several classes of property included.

In 1880 the true valuation of property appears to have been ascertained directly by the Census Office. Inquiries concerning the relation between the assessed and true value of real estate were sent all over the country, and from the returns the value of this class of property was determined. The value of other property was obtained from official and other sources with little or no reference to the assessed valuation.

In comparing the report of true valuation of 1890 with like valuations of previous periods it should be borne in mind:

First. That no statement of true valuation previous to 1890 included the value of vacant state or national land or Indian reservations.

Second. That the true valuation for 1870 admittedly embraces certain duplications of value of personal property, arising from the taxation of mortgages and the realty represented by them, and that the values are inflated, owing to the depreciation of the standard then in use, requiring a corrective reduction of 20 per cent.

Third. That for 1860 and 1850 the true valuation appears to have been made by adding to the assessor's list such an amount as would, in the opinion of the officer reporting, compensate for the undervaluations of the assessor. If such course was pursued, no property exempt from taxation or which escaped the assessor's list is included as a part of the property valued.

These admitted differences of method pursued in reaching the figures of true valuation for the several census periods, and the temporary character of the Census Office, of themselves preclude any attempt of one census to revise the figures of a previous one; and the figures as published, if not as accurate as desired, can be accepted with safety as showing in a general way a continuous increase in the wealth of the nation, the exact proportions of which can not be measured.

ASSESSED VALUATION AND AD VALOREM TAXATION.

The value given to real estate and personal property throughout the country for purposes of taxation is termed "assessed valuation" or "assessment". It covers but a portion of the property in existence, a considerable amount of both real estate and personal property being specifically exempt from taxation by law, and of the latter class it is known that an additional portion escapes taxation by fraudulent evasion.

The term "real estate" is generally used in the several states to include land and all things pertaining thereto which would ordinarily pass to the vendee by the transfer of a fee simple title, but in cases of mining and gas lands, especially where a tax is levied exclusively upon the output, stock, or gross receipts of the company owning the property, the real estate is assessed for taxation purposes without regard to the ores or gas embraced within its limits.

The kinds of personal property assessed for taxation are defined by law in the several states. In some cases a value for taxation has been given to polls and occupations, but such values have been omitted whenever practicable to do so.

Of railroad property assessed for taxation in the respective counties through which the road may run, the roadbed, depots, and machine and repair shops belonging to the corporation are sometimes classed as real estate; the rolling stock as personal property. In other cases a value is given to this class of property by the state authorities, and the amount distributed to the several counties and minor divisions in proportion to the length of the road therein, in which case the entire value is uniformly classed herein as personal property. In several of the states railroad property is not assessed for taxation, a tax being levied upon the gross receipts

or stock of the corporation, in which case, of course, no value of such property is included in the valuation herein given.

The valuation of property for taxation throughout the North Atlantic division is made by the municipal officers, subject to a revision in some cases by a state or county board of equalization, except in the state of Maine, where the valuation is made by a state commission once in 10 years. In the other divisions valuations are usually made by county officers. Frequently the state readjusts the county valuations for purposes of distributing the state levy, and municipalities may make their own valuations on which to levy local taxes, thus giving to the same property three official valuations for taxation. In such cases usually the valuation on which the local taxes are levied has been accepted for tabulation.

Taxes, except in the North Atlantic division, are usually levied by county officers at a rate of so many cents or mills upon \$100 of valuation for each object for which the proceeds are to be expended. In the North Atlantic division, the several sums to be raised are usually grouped by the local officers into one amount before making the levy, except that in New York, New Jersey, and Maine there is a specific tax rate for schools, and consequently the amounts reported by the Census Office as levied for certain purposes in this division are, in fact, the several amounts appropriated therefor, the total, however, being the amount of the levy.

No attempt has been made in any case to include taxes payable specifically in labor.

Throughout all sections of the country independent school districts exist, to a greater or less extent, having limits not coextensive with either those of counties or municipalities. For the use of these districts taxes are levied often at a different rate from that of the other portions of the municipalities from which the district is taken, leading to much intricacy in adjusting the school levies by municipalities. In California levies are made for irrigation districts, which districts are not necessarily coextensive with other civil divisions. No attempt to distribute the tax levies among municipalities in the latter case has been made, but the amount is reported as a municipal tax in the county containing the greater portion of the district.

The term "municipality", as used in these tables, includes cities, townships, towns, villages, boroughs, and all other incorporated divisions of a county, exclusive of school, irrigation, and fire districts. The term "minor division" is used to embrace all the divisions of a county having power to levy an ad valorem tax. The term "town" in New York and Connecticut includes any city, village, or borough within its limits, separate valuations for the several incorporations not being generally reported.

For the North Atlantic division all the municipalities are reported; for the other divisions only such municipalities are reported as have a population of 1,000 or more, it having been found impracticable in many cases to extend the detailed inquiry any further, and the total for the county being known the information was not necessary.

RECEIPTS AND EXPENDITURES.

Exclusive of postal expenditures reimbursed by postal receipts, the cost per capita of maintaining the national, state, territorial, county, and municipal governments, including schools, in 1890 was \$13.65.

In the aggregate of all transactions, national, state, territorial, county, and municipal, the receipts exceed the expenditures in the sum of \$124,518,958, of which amount the excess in the transactions of the national government, including postal service, amounted to \$108,936,066, leaving \$15,582,892 as a surplus arising from the financial transactions of the state and local governments during the year 1890.

The receipts and expenditures of the national government, including those of the postal service in detail, and the expenditures of the local governments for public common schools for 1890 are compared with like items for 1880; but no figures showing state, county, or municipal expenditures for any other period have been published by this office, and no comparison can therefore be made.

All municipal accounts are included in the expenditures of municipalities, and the amount of interest paid on bonds issued on account of waterworks or other undertakings is charged in each case as part of the expenses of the enterprise, of which only the net results are reported. The amount of interest paid on bonds issued by any city and held in the sinking fund is treated only as a transfer between accounts, and the interest payment correspondingly diminished.

The principal of the public school funds in the several states aggregates \$118,423,942, of which amount \$86,608,613 was derived mainly from the sale of the sixteenth and thirty-sixth sections of public lands granted by the United States for public common school purposes. Every state admitted to the Union since the adoption of the Constitution in 1789, except Kentucky, Vermont, and Texas, has received 1 section of the public lands, 640 acres, or its equivalent, out of every township of 36 sections, and the states admitted since 1850, commencing with California, have received not only the sixteenth but the thirty-sixth section of every township, and several of them large additional grants, all for the benefit of public common schools.

The number of acres remaining unsold in several of the states is not, however, known or reported, and in no case is any estimated value of these unsold lands included as part of the funds reported.

The total revenues collected by the national, state, territorial, county, and municipal governments during the census year 1890 amounted to \$1,040,473,013 distributed by divisions as follows:

National government, including postal revenues.....	\$461, 154, 680
States, territories, and District of Columbia.....	116, 157, 640
Counties, partly estimated.....	133, 525, 493
Municipalities, partly estimated, commercial enterprises (net).....	329, 635, 200

The total expenditures of the national, state, territorial, county, and municipal governments on all accounts in 1890 was \$915,954,055, distributed as follows, expenditures for public common schools being separately reported:

National government, including postal service.....	\$352, 218, 614
States, territories, and District of Columbia, except for public common schools	77, 105, 911
Counties, except for public common schools, partly estimated.....	114, 575, 401
Municipalities, except for public common schools, partly estimated, less commercial enterprises (net).....	232, 988, 592
Public common schools.....	139, 065, 537

The detailed sources of receipts and objects of expenditures of the national, state, and local governments combined, postal service and schools included, arranged in order of amount, are shown in the statement on the following page.

WEALTH, DEBT, AND TAXATION.

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RECEIPTS.

Total.....	\$1,040,473,013
Ad valorem taxes on real and personal property.....	443,096,574
Customs	229,668,584
Internal revenue.....	112,606,706
Postal service.....	60,882,098
Liquor license	24,786,496
Income from funds and investments.....	14,546,352
Special assessment for streets and bridges.....	13,196,991
Licenses other than liquor.....	11,144,338
Tax on railroads separately reported.....	9,926,547
Profit on coinage of silver dollars.....	9,385,417
Tax on corporations except railroads, separately reported.....	8,758,184
Special assessments for sewers.....	8,254,978
Miscellaneous, fees, fines, and penalties.....	7,253,370
Sales of public lands.....	6,358,272
Proceeds, sales of property other than land.....	3,263,855
Penal and reformatory institutions.....	3,154,520
Tax on banks and bankers, separately reported.....	3,153,135
Sinking fund for Pacific railways.....	1,842,565
Fees, consular and land	1,799,071
Fees on letters patent	1,347,621
Tax on circulation of national banks.....	1,301,327
Customs fees, fines, penalties, and forfeitures.....	1,290,325
Interest on deposits.....	986,656
Profit on coinage other than of silver dollars	831,828
Repayment of interest by Pacific railways.....	705,691
Tax on sealskins.....	262,500
Waterworks and other enterprises (net).....	118,215
Miscellaneous, including reimbursements to counties.....	30,541,797

EXPENDITURES.

Total.....	915,954,055
Pensions, charities, and gratuities.....	146,895,671
Educational purposes and public common schools.....	145,589,115
Interest on debt.....	82,748,423
Roads, sewers, ditches, and bridges.....	72,262,023
Postal service.....	66,259,547
New buildings, works, and sites, construction and purchase separately reported.....	38,890,970
Salaries, separately reported, fees, and commissions.....	37,552,655
Military purposes.....	35,537,611
Police	29,934,376
Judiciary, including county courts, inquests, and inquiries.....	23,071,075
Public buildings and sites, care and maintenance, including construction not separately reported.....	17,950,177
Executive department.....	16,770,801
Fire	16,423,820
Naval establishment, except for new vessels.....	15,174,403
Penal and reformatory institutions.....	12,381,425
Improving harbors and rivers.....	11,737,438
Lighting	11,363,780
Congress and legislative.....	10,485,826
Constructing new war vessels.....	6,831,803
Indians.....	6,708,047
Health	3,280,294
Public parks and places.....	2,962,697
Foreign intercourse	1,648,277
Miscellaneous	109,499,801

TABLE 1.—TRUE VALUATION OF REAL AND PERSONAL PROPERTY IN DETAIL, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	TRUE VALUATION OF REAL AND PERSONAL PROPERTY.			
	Total.	Real estate and improvements.	Live stock on farms, farm implements, and machinery.	Mines and quarries, including product on hand.
The United States	\$65,027,091,197	\$39,544,544,333	\$2,703,015,040	\$1,201,201,570
North Atlantic division	21,435,491,864	13,905,274,364	430,770,750	424,071,494
Maine.....	480,134,128	254,000,559	23,770,553	5,806,040
New Hampshire.....	325,128,740	170,131,000	14,014,075	1,188,080
Vermont.....	265,507,323	138,378,194	21,377,880	11,841,193
Massachusetts.....	2,803,646,447	1,898,637,794	20,130,118	3,303,095
Rhode Island.....	504,162,352	334,740,002	3,306,000	816,055
Connecticut.....	835,120,210	543,421,801	13,050,113	8,108,787
New York.....	8,576,701,901	5,817,704,067	171,183,480	80,513,048
New Jersey.....	1,445,285,114	661,018,072	23,190,074	5,543,097
Pennsylvania.....	6,190,740,550	3,781,177,285	140,099,013	361,288,400
South Atlantic division	5,132,080,066	2,023,418,032	198,075,810	61,415,252
Delaware.....	175,078,705	105,720,519	6,034,380	282,082
Maryland.....	1,085,473,048	745,307,917	25,734,410	20,770,826
District of Columbia.....	343,506,733	286,503,000	208,880	
Virginia.....	802,318,070	470,042,553	30,007,000	6,513,817
West Virginia.....	438,954,881	248,727,477	27,081,030	14,457,310
North Carolina.....	584,148,090	273,975,226	32,730,490	4,293,904
South Carolina.....	400,011,303	176,528,452	20,744,072	7,297,518
Georgia.....	852,400,449	415,389,384	37,242,068	7,013,745
Florida.....	389,480,888	195,014,398	8,301,020	180,042
North Central division	25,255,915,549	15,125,481,180	1,447,471,577	220,544,444
Ohio.....	3,951,882,884	2,530,265,018	145,057,036	53,037,259
Indiana.....	2,095,170,020	1,288,103,737	114,533,677	15,102,460
Illinois.....	5,066,751,719	3,204,042,440	214,888,000	22,044,503
Michigan.....	2,095,010,272	1,140,290,454	91,747,585	77,008,518
Wisconsin.....	1,593,308,523	1,008,350,501	82,051,387	8,388,551
Minnesota.....	1,031,851,927	1,034,163,165	74,612,156	10,390,320
Iowa.....	2,287,348,338	1,261,701,010	243,101,557	7,070,126
Missouri.....	2,807,902,945	1,438,731,201	100,531,882	12,480,754
North Dakota.....	337,000,506	175,017,090	25,435,474	66,580
South Dakota.....	425,141,200	208,023,201	37,003,221	6,822,022
Nebraska.....	1,275,085,514	708,413,098	100,440,807	2,089,177
Kansas.....	1,709,943,501	930,530,170	146,938,095	4,237,466
South Central division	6,401,281,010	3,538,805,433	400,372,600	40,916,904
Kentucky.....	1,172,232,313	711,703,385	81,830,006	9,010,417
Tennessee.....	887,056,143	483,701,510	70,101,110	7,344,009
Alabama.....	622,773,504	271,363,044	35,288,375	18,277,597
Mississippi.....	454,242,688	208,093,024	39,905,300	6,000
Louisiana.....	495,301,507	271,061,846	25,085,785	
Texas.....	2,105,570,700	1,220,417,771	117,000,044	1,265,970
Oklahoma.....	48,285,124	34,037,571	3,639,850	
Indian territory.....	150,705,402	103,221,251		1,402,009
Arkansas.....	455,147,422	233,855,131	36,445,280	2,022,902
Western division	6,811,422,000	4,051,504,424	217,324,288	544,343,485
Montana.....	453,135,200	207,770,707	22,970,607	81,420,388
Wyoming.....	169,773,710	92,403,357	15,870,581	5,020,496
Colorado.....	1,145,712,287	608,326,165	25,922,860	161,471,017
New Mexico.....	231,459,807	113,729,183	7,538,820	21,692,398
Arizona.....	188,880,976	95,044,280	3,454,240	26,090,504
Utah.....	349,411,284	183,117,253	7,978,490	67,432,123
Nevada.....	180,323,068	92,222,975	6,339,300	27,130,047
Idaho.....	207,896,501	95,006,807	8,425,950	46,967,265
Washington.....	760,698,720	516,365,149	17,263,310	7,022,783
Oregon.....	590,306,104	380,174,803	27,205,600	10,866,577
California.....	2,583,733,027	1,671,113,655	74,948,940	82,652,997

TABLE 1.—TRUE VALUATION OF REAL AND PERSONAL PROPERTY IN DETAIL, BY STATES AND TERRITORIES: 1890—Continued.

STATES AND TERRITORIES.	TRUE VALUATION OF REAL AND PERSONAL PROPERTY—continued.				
	Gold and silver coin and bullion.	Machinery of mills and product on hand, raw and manufactured.	Railroads and equipments, including street railroads.	Telegraphs, telephones, shipping canals, and equipment.	Miscellaneous.
The United States.....	\$1,158,774,948	\$3,058,598,441	\$8,685,407,323	\$701,765,712	\$7,893,708,821
North Atlantic division.....	390,481,635	1,730,752,192	1,445,010,383	351,283,023	2,747,998,117
Maine.....	10,655,666	27,400,727	60,524,389	43,175,046	54,722,248
New Hampshire.....	6,050,688	30,004,366	68,782,551	2,143,867	35,814,204
Vermont.....	5,380,723	8,223,289	49,340,305	1,716,004	20,300,045
Massachusetts.....	48,470,225	309,008,895	110,703,408	51,658,130	361,477,876
Rhode Island.....	5,090,120	74,840,062	13,489,703	5,108,050	65,800,445
Connecticut.....	13,450,402	86,024,237	54,550,504	14,753,310	106,154,885
New York.....	176,941,588	504,476,039	534,671,937	120,098,710	1,122,111,072
New Jersey.....	23,764,541	121,173,974	99,357,820	16,225,600	105,015,136
Pennsylvania.....	99,700,483	486,044,603	455,440,076	87,347,794	777,541,606
South Atlantic division.....	140,731,530	180,901,025	943,510,336	76,132,083	608,705,089
Delaware.....	2,824,336	15,350,670	10,509,418	6,580,008	22,278,322
Maryland.....	10,335,876	52,727,020	66,733,915	18,551,391	130,311,094
District of Columbia.....	5,266,300	13,058,068	4,480,953	2,023,814	31,086,022
Virginia.....	25,380,094	28,162,069	160,867,928	11,900,333	109,784,307
West Virginia.....	11,776,054	11,278,034	65,000,922	3,530,020	50,485,519
North Carolina.....	24,358,230	12,044,428	152,160,420	5,132,644	71,463,657
South Carolina.....	17,502,403	11,502,073	114,063,428	5,702,545	47,440,612
Georgia.....	28,298,088	26,106,501	227,397,070	11,671,918	98,048,185
Florida.....	5,980,549	3,702,472	120,557,482	7,870,714	41,207,711
North Central division.....	387,040,555	873,077,334	3,937,287,117	100,425,050	3,103,737,302
Ohio.....	60,430,088	182,640,802	424,107,006	35,608,555	518,055,630
Indiana.....	35,040,877	54,920,042	310,172,144	9,117,166	267,525,614
Illinois.....	77,890,504	245,552,366	521,464,517	23,344,205	667,524,404
Michigan.....	34,418,780	86,400,821	375,484,286	38,723,301	241,252,428
Wisconsin.....	27,934,449	81,874,031	204,269,054	14,738,945	224,801,515
Minnesota.....	23,030,530	55,055,545	281,641,105	5,574,580	206,748,521
Iowa.....	80,981,325	20,928,530	442,604,783	8,218,284	203,036,718
Missouri.....	40,436,377	100,500,607	322,668,487	12,004,180	303,623,441
North Dakota.....	3,040,965	93,450	102,937,257	730,876	27,934,805
South Dakota.....	5,263,004	1,320,028	127,245,237	1,315,232	38,630,759
Nebraska.....	18,961,404	14,918,683	272,120,695	4,292,140	145,412,830
Kansas.....	23,006,063	10,118,444	462,422,646	5,708,384	198,382,227
South Central division.....	170,398,078	138,558,243	1,288,746,449	53,004,196	700,404,116
Kentucky.....	29,192,038	36,026,009	142,262,792	8,470,490	152,737,221
Tennessee.....	27,372,564	26,681,008	152,083,077	7,874,072	113,047,598
Alabama.....	23,203,293	23,124,030	174,557,142	8,236,253	68,722,864
Mississippi.....	10,365,860	5,535,004	119,589,776	6,499,749	54,018,076
Louisiana.....	17,785,914	10,244,378	91,673,064	8,810,008	61,251,502
Texas.....	35,632,610	22,047,604	446,587,638	9,834,482	232,804,047
Oklahoma.....	937,774	51,114	8,020,471	247,336	742,008
Indian territory.....	27,500	114,549	54,910,144	4,512,710	50,450,141
Arkansas.....	16,975,621	6,732,086	97,552,745		
Western division.....	70,178,250	125,314,047	1,070,003,038	50,020,400	672,773,507
Montana.....	3,111,059	1,197,883	112,002,061	528,036	23,520,488
Wyoming.....	1,216,666	455,748	48,466,075	232,820	6,007,007
Colorado.....	8,606,736	14,507,433	222,229,424	1,048,792	108,598,040
New Mexico.....	2,524,943	471,948	75,400,333	614,372	9,410,410
Arizona.....	1,013,002	282,930	56,348,380	238,480	5,809,151
Utah.....	3,981,385	2,793,974	55,974,070	831,620	27,302,210
Nevada.....	1,054,488	200,977	47,513,454	188,044	5,583,383
Idaho.....	1,410,142	389,892	48,078,470	337,540	6,680,510
Washington.....	7,576,766	11,713,975	92,724,845	9,947,920	97,483,978
Oregon.....	7,007,914	12,984,020	74,978,844	6,450,009	64,757,728
California.....	82,074,440	80,219,258	235,810,555	38,897,137	317,610,036

TABLE 2.—COMPARATIVE STATEMENT OF THE TRUE VALUATION OF REAL AND PERSONAL PROPERTY, TOTAL AND PER CAPITA, BY STATES AND TERRITORIES: 1850 TO 1890.

STATES AND TERRITORIES.	TOTAL TRUE VALUATION OF REAL AND PERSONAL PROPERTY.				
	1890	1880	1870	1860	1850
The United States.....	\$65,037,091,197	\$43,042,000,000	\$30,068,518,507	\$16,150,016,008	\$7,135,780,228
North Atlantic division.....	21,435,401,864	17,533,000,000	15,200,032,687	5,591,007,424	8,130,080,851
Maine.....	489,124,128	511,000,000	348,155,071	100,211,600	122,777,571
New Hampshire.....	325,128,740	365,000,000	252,624,112	156,310,860	103,052,835
Vermont.....	265,507,323	302,000,000	235,349,553	122,477,170	92,205,040
Massachusetts.....	2,808,016,447	2,628,000,000	2,132,148,741	815,237,433	573,342,280
Rhode Island.....	504,162,352	400,000,000	290,005,646	135,337,588	80,504,704
Connecticut.....	855,120,219	779,000,000	774,631,524	444,274,114	155,707,080
New York.....	8,579,701,901	6,308,000,000	6,500,841,264	1,843,338,517	1,080,300,216
New Jersey.....	1,445,285,114	1,305,000,000	940,970,064	407,018,324	200,000,000
Pennsylvania.....	6,190,746,650	4,912,000,000	3,808,340,112	1,410,501,818	722,480,120
South Atlantic division.....	5,132,980,600	3,758,000,000	2,240,280,146	2,883,371,041	1,558,340,026
Delaware.....	175,678,795	130,000,000	97,180,833	46,242,181	21,002,556
Maryland.....	1,085,473,048	837,000,000	643,748,976	376,010,044	210,217,364
District of Columbia.....	343,506,738	220,000,000	126,878,018	41,084,045	14,018,874
Virginia.....	802,318,070	707,000,000	409,588,133	{ a703,249,681	a130,701,082
West Virginia.....	418,054,881	350,000,000	190,051,491		
North Carolina.....	584,148,990	461,000,000	280,757,244		
South Carolina.....	400,911,303	322,000,000	208,140,980		
Georgia.....	882,409,440	606,000,000	268,160,207		
Florida.....	380,480,388	120,000,000	44,100,655		
North Central division.....	25,255,015,549	10,186,000,000	9,512,053,355		
Ohio.....	8,051,382,084	8,238,000,000	2,235,430,300	1,193,898,422	604,720,120
Indiana.....	2,005,176,626	1,681,000,000	1,268,180,543	528,835,871	202,050,264
Illinois.....	5,083,751,710	3,210,000,000	2,121,680,570	871,880,282	156,205,006
Michigan.....	2,095,016,272	1,580,000,000	719,208,118	257,163,988	59,787,255
Wisconsin.....	1,833,308,523	1,193,000,000	702,307,320	273,071,668	42,050,595
Minnesota.....	1,091,851,927	792,000,000	228,899,500	52,294,418	.....
Iowa.....	2,287,348,333	1,721,000,000	717,644,750	247,338,265	23,714,038
Missouri.....	2,307,902,945	1,502,000,000	1,284,922,807	501,214,398	137,247,707
North Dakota.....	337,006,500	{ b118,000,000	.....	.....	.....
South Dakota.....	425,141,200		55,599,752	.....	.....
Nebraska.....	1,275,085,514		69,277,483	9,131,056	.....
Kansas.....	1,799,843,501	700,000,000	188,802,014	31,827,895	.....
South Central division.....	6,401,281,010	3,832,000,000	2,152,182,301	3,449,084,048	1,286,010,866
Kentucky.....	1,172,232,818	902,000,000	604,818,552	600,043,112	901,028,450
Tennessee.....	887,050,143	705,000,000	408,237,724	403,003,802	201,246,080
Alabama.....	622,773,504	428,000,000	201,855,841	405,237,078	228,204,332
Mississippi.....	454,242,088	354,000,000	209,197,345	807,324,911	228,051,130
Louisiana.....	405,301,597	382,000,000	323,125,000	602,118,508	233,098,704
Texas.....	2,105,570,760	825,000,000	159,052,542	365,200,614	62,740,478
Oklahoma.....	48,280,124	.....	.....	.....	.....
Indian territory.....	159,705,402	.....	.....	.....	.....
Arkansas.....	455,147,422	286,000,000	150,894,601	219,250,478	30,841,026
Western division.....	6,811,422,000	2,282,000,000	834,909,058	268,816,002	33,385,000
Montana.....	455,135,209	40,000,000	15,184,522	.....	.....
Wyoming.....	169,773,710	54,000,000	7,016,748	.....	.....
Colorado.....	1,145,712,267	240,000,000	20,243,303	.....	.....
New Mexico.....	231,450,897	40,000,000	31,849,798	20,813,708	5,174,471
Arizona.....	188,880,076	41,000,000	3,440,701	.....	.....
Utah.....	349,411,234	114,000,000	16,159,995	5,590,118	986,083
Nevada.....	180,923,663	156,000,000	31,134,012	.....	.....
Idaho.....	207,806,501	29,000,000	6,552,681	.....	.....
Washington.....	760,698,726	62,000,000	13,562,164	5,601,496	.....
Oregon.....	590,390,194	154,000,000	51,553,932	28,930,087	5,069,474
California.....	2,533,733,627	1,343,000,000	638,707,017	207,874,613	22,101,872

^a Virginia before division.^b Dakota territory.

TABLE 2.—COMPARATIVE STATEMENT OF THE TRUE VALUATION OF REAL AND PERSONAL PROPERTY, TOTAL AND PER CAPITA, BY STATES AND TERRITORIES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	TRUE VALUATION OF REAL AND PERSONAL PROPERTY PER CAPITA.				
	1890	1880	1870	1860	1850
	\$1,036	\$870	\$780	\$514	\$308
The United States.....					
North Atlantic division.....	1,232	1,200	1,243	528	363
Maine.....	740	787	555	303	210
New Hampshire.....	863	1,046	704	470	320
Vermont.....	799	909	712	389	294
Massachusetts.....	1,252	1,471	1,463	602	577
Rhode Island.....	1,459	1,447	1,360	775	546
Connecticut.....	1,119	1,251	1,441	666	420
New York.....	1,430	1,241	1,483	475	340
New Jersey.....	1,000	1,154	1,038	606	409
Pennsylvania.....	1,177	1,154	1,081	487	313
South Atlantic division.....	570	405	384	537	333
Delaware.....	1,043	928	777	412	230
Maryland.....	1,041	895	824	540	376
District of Columbia.....	1,491	1,239	963	547	271
Virginia.....	521	497	334	{ } b407	b303
West Virginia.....	575	508	431		
North Carolina.....	301	329	243	301	261
South Carolina.....	848	823	205	770	431
Georgia.....	404	383	220	611	370
Florida.....	905	445	285	521	201
North Central division.....	1,129	932	735	486	208
Ohio.....	1,076	1,012	830	510	255
Indiana.....	956	860	755	392	205
Illinois.....	1,324	1,049	235	500	183
Michigan.....	1,001	965	607	348	160
Wisconsin.....	1,087	866	666	353	138
Minnesota.....	1,800	1,014	521	804	.....
Iowa.....	1,190	1,050	601	366	123
Missouri.....	895	720	740	424	201
North Dakota.....	1,844	{ } b873	b305	.....	.....
South Dakota.....	1,203				
Nebraska.....	1,205	851	503	317	.....
Kansas.....	1,261	768	518	292	.....
South Central division.....	a560	485	334	508	209
Kentucky.....	691	547	457	570	307
Tennessee.....	502	451	306	445	201
Alabama.....	412	380	202	514	206
Mississippi.....	352	313	253	787	377
Louisiana.....	443	400	446	850	452
Texas.....	942	518	194	605	248
Oklahoma.....	781	.....	.....	.....	.....
Indian territory.....	.....	.....	.....	.....	.....
Arkansas.....	403	350	323	504	190
Western division.....	2,250	1,201	843	434	187
Montana.....	3,429	1,022	737	.....	.....
Wyoming.....	2,797	2,500	770	.....	.....
Colorado.....	2,780	1,235	508	.....	.....
New Mexico.....	1,507	410	341	223	84
Arizona.....	3,168	1,014	356	.....	.....
Utah.....	1,681	702	186	130	87
Nevada.....	3,041	2,500	733	.....	.....
Idaho.....	2,464	890	437	.....	.....
Washington.....	2,177	825	506	489	381
Oregon.....	1,882	882	567	651	381
California.....	2,007	1,553	1,140	647	239

a In computing this per capita the true valuation of Indian territory is excluded.

b Virginia before division.

c Dakota territory.

TABLE 3.—TRUE AND ASSESSED VALUATIONS OF REAL ESTATE AND IMPROVEMENTS, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	TRUE VALUATION OF REAL ESTATE AND IMPROVEMENTS.			Total valuation of real estate and improvements per capita.	Total true valuation of real estate and improvements per acre.	Assessed valuation of taxed real estate and improvements.	Value of farm lands and improvements. (a)
	Total.	Taxed.	Exempt from taxation.				
The United States.	\$30,544,544,333	\$35,711,200,108	\$3,833,335,225	\$631.48	\$20.80	\$18,956,550,675	\$13,270,252,640
North Atlantic division.	13,005,274,364	12,695,897,886	1,209,370,478	799.08	134.06	8,601,385,328	2,539,200,537
Maine.....	254,069,559	238,046,082	20,123,477	384.32	13.28	233,946,082	98,567,730
New Hampshire.....	170,131,000	156,470,218	19,651,782	407.77	30.56	141,729,716	66,102,600
Vermont.....	138,378,194	126,554,907	11,823,287	410.27	28.67	112,895,125	80,427,490
Massachusetts.....	1,898,637,794	1,783,052,797	225,584,997	848.01	308.98	1,000,137,807	127,638,284
Rhode Island.....	334,740,002	308,571,866	26,108,136	908.84	482.06	243,081,296	21,870,470
Connecticut.....	543,421,891	485,008,944	57,422,947	728.20	175.25	201,451,666	95,000,505
New York.....	5,817,704,697	5,250,687,180	567,017,487	960.96	190.89	3,403,751,246	908,127,286
New Jersey.....	981,013,972	888,370,700	72,634,272	605.09	201.42	502,375,701	150,202,840
Pennsylvania.....	3,781,177,285	3,572,227,192	208,850,003	719.13	131.33	2,042,010,590	922,240,233
South Atlantic division.	2,923,418,982	2,512,050,245	411,305,687	880.03	17.00	1,628,133,435	1,135,310,670
Delaware.....	105,720,510	101,282,020	4,438,490	627.45	84.28	63,346,513	30,580,080
Maryland.....	745,307,917	589,015,907	150,202,850	715.00	118.11	411,900,210	175,058,550
District of Columbia.....	286,563,000	141,609,891	144,953,115	1,243.81	7,402.58	141,600,891	6,471,120
Virginia.....	470,642,553	440,562,737	21,070,810	284.21	18.33	272,311,270	254,400,000
West Virginia.....	248,727,477	236,050,954	12,007,723	326.07	15.77	121,202,365	151,880,300
North Carolina.....	278,975,226	260,191,465	18,788,761	172.43	8.07	142,068,032	183,977,010
South Carolina.....	170,528,452	168,170,119	8,340,333	153.35	9.14	90,042,723	98,104,000
Georgia.....	415,339,384	382,900,745	32,339,639	226.05	11.00	225,054,916	152,000,230
Florida.....	195,614,398	182,553,238	13,001,160	409.75	5.64	60,500,574	72,745,180
North Central division.	15,125,481,180	14,176,050,222	948,530,958	676.38	31.86	5,569,100,113	7,060,767,154
Ohio.....	2,530,255,018	2,374,430,191	155,815,827	680.01	97.00	1,232,305,312	1,050,031,828
Indiana.....	1,258,163,737	1,206,083,830	82,070,907	587.56	56.05	554,900,734	754,780,110
Illinois.....	3,294,042,440	3,108,040,900	186,001,480	800.88	91.91	597,442,280	1,262,870,587
Michigan.....	1,149,290,454	1,089,628,798	68,001,650	548.88	31.27	730,000,151	556,100,070
Wisconsin.....	1,008,350,501	1,022,704,776	75,555,815	651.11	81.52	404,500,340	477,524,507
Minnesota.....	1,034,163,155	955,633,047	78,500,108	794.39	20.40	406,558,900	340,050,470
Iowa.....	1,261,701,010	1,200,409,828	61,231,182	659.02	35.54	370,021,440	857,581,022
Missouri.....	1,438,731,201	1,356,866,163	81,805,038	587.00	32.71	509,850,381	625,858,361
North Dakota.....	175,917,090	128,710,884	47,206,215	902.77	3.92	65,181,187	75,910,305
South Dakota.....	200,928,201	173,470,318	33,452,883	620.31	4.21	101,378,710	107,400,335
Nebraska.....	708,418,098	683,527,050	44,880,048	680.00	14.41	115,181,107	402,358,018
Kansas.....	939,530,176	906,285,377	33,244,799	658.85	17.97	241,100,071	550,720,046
South Central division.	3,538,805,493	3,144,006,008	894,708,435	322.50	9.06	1,734,302,020	1,440,022,598
Kentucky.....	711,793,885	652,168,008	50,025,377	382.07	27.80	370,788,702	346,339,300
Tennessee.....	489,701,510	459,186,911	24,574,509	278.70	18.10	202,872,811	242,700,540
Alabama.....	271,363,944	252,833,290	18,580,645	170.35	8.23	154,706,484	111,051,300
Mississippi.....	208,898,024	195,864,374	12,628,050	101.60	7.03	117,004,402	127,423,157
Louisiana.....	271,901,846	239,142,588	32,810,258	248.13	9.36	150,610,875	85,381,270
Texas.....	1,220,417,771	1,130,341,854	90,075,017	545.92	7.27	523,893,098	390,071,280
Oklahoma (b).....	34,037,571	34,037,571	-----	550.47	1.37	-----	8,581,170
Indian territory.....	103,221,251	103,231,251	-----	5.20	-----	-----	-----
Arkansas.....	238,855,131	214,559,904	19,295,107	207.20	6.89	109,417,158	118,574,422
Western division.....	4,051,504,424	3,182,210,757	869,353,607	1,338.20	5.30	1,523,020,170	1,094,042,000
Montana.....	207,770,707	109,072,902	98,097,895	1,572.18	2.23	54,943,531	25,512,340
Wyoming.....	92,403,357	26,893,033	66,100,324	1,523.65	1.48	12,719,221	14,400,880
Colorado.....	603,326,165	518,262,818	85,003,347	1,493.08	9.10	155,383,000	85,036,180
New Mexico.....	113,720,183	37,881,460	75,847,714	740.46	1.45	15,271,084	8,140,800
Arizona.....	95,644,280	25,408,556	70,175,724	1,004.23	1.32	10,174,470	7,222,230
Utah.....	138,117,253	124,036,751	50,080,502	880.77	3.48	80,218,871	28,402,780
Nevada.....	92,222,075	25,171,257	07,051,718	2,015.32	1.31	8,544,341	12,330,410
Idaho.....	95,606,807	28,839,482	07,267,325	1,132.98	1.77	9,977,463	17,431,590
Washington.....	516,805,149	406,450,488	49,908,661	1,477.90	12.06	177,204,871	83,401,000
Oregon.....	380,174,808	304,902,621	75,212,182	1,211.65	0.28	107,640,260	115,810,200
California.....	1,671,113,655	1,510,505,380	155,548,275	1,388.22	16.74	891,440,172	607,116,630

^a As returned by enumerators.^b Includes Cherokee strip, No Man's Land, and Greer county (the latter claimed by Texas).

TABLE 4.—TRUE VALUATION OF REAL ESTATE AND IMPROVEMENTS, AND ACREAGE, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	TRUE VALUATION OF REAL ESTATE AND IMPROVEMENTS.			ACREAGE.		
	Total.	Distributable into counties.	National vacant lands and Indian reservations not distributable into counties.	Total.	Distributable into counties.	National vacant lands and Indian reservations not distributable into counties.
The United States.	\$39,544,544,833	\$38,603,512,955	\$41,031,378	1,000,800,000	1,214,073,406	685,826,504
North Atlantic division.	13,005,274,364	13,003,463,604	1,810,700	103,721,600	103,633,923	87,077
Maine.....	254,069,550	254,069,550		19,122,800	19,122,800	
New Hampshire.....	176,131,000	176,131,000		5,763,200	5,763,200	
Vermont.....	138,378,104	138,378,104		5,840,400	5,840,400	
Massachusetts.....	1,898,637,704	1,898,637,704		5,145,000	5,145,000	
Rhode Island.....	334,740,002	334,740,002		694,400	694,400	
Connecticut.....	543,421,891	543,421,891		3,100,800	3,100,800	
New York.....	5,817,704,687	5,815,803,087	1,810,700	80,476,800	30,389,123	87,077
New Jersey.....	901,013,972	901,013,972		4,771,200	4,771,200	
Pennsylvania.....	3,781,177,285	3,781,177,285		28,790,400	28,790,400	
South Atlantic division.	2,023,418,932	2,010,002,307	7,356,535	171,010,800	160,227,203	5,080,507
Delaware.....	105,720,510	105,720,510		1,254,400	1,254,400	
Maryland.....	745,307,017	745,307,017		6,310,400	6,310,400	
District of Columbia.....	286,503,006	286,503,006		38,400	38,400	
Virginia.....	470,612,553	470,612,553		25,080,000	25,080,000	
West Virginia.....	248,727,477	248,727,477		15,772,800	15,772,800	
North Carolina.....	278,975,226	278,049,171	320,055	31,001,200	31,025,089	65,211
South Carolina.....	170,528,452	170,528,452		19,308,800	19,308,800	
Georgia.....	415,330,384	415,330,384		37,747,200	37,747,200	
Florida.....	105,614,398	188,583,018	7,030,480	34,713,600	20,089,214	5,024,386
North Central division.	15,125,481,180	15,026,877,011	98,004,160	482,272,000	403,018,008	78,053,302
Ohio.....	2,530,255,018	2,530,255,018		26,086,400	26,086,400	
Indiana.....	1,288,163,737	1,288,163,737		22,082,400	22,082,400	
Illinois.....	3,294,042,440	3,294,042,440		35,840,000	35,840,000	
Michigan.....	1,140,200,454	1,147,782,788	1,507,600	30,755,200	35,801,120	654,071
Wisconsin.....	1,098,350,591	1,095,640,594	2,810,057	34,848,000	33,442,253	1,405,747
Minnesota.....	1,084,193,155	1,026,688,025	13,474,530	50,091,200	41,515,210	6,175,900
Iowa.....	1,201,701,010	1,201,080,260	20,750	35,490,000	35,490,100	7,000
Missouri.....	1,437,701,873	1,437,701,873	1,499,329	43,900,400	42,838,087	1,151,403
North Dakota.....	175,017,000	135,816,589	40,600,510	44,024,800	10,813,160	84,111,640
South Dakota.....	206,923,201	182,837,098	24,085,203	40,184,000	28,180,769	20,093,201
Nebraska.....	708,413,008	695,207,008	18,146,090	49,177,000	39,195,100	9,982,410
Kansas.....	930,530,176	938,010,142	1,520,034	52,288,000	51,417,150	870,860
South Central division.	3,538,805,433	3,390,501,584	148,303,840	300,537,000	337,010,378	53,527,222
Kentucky.....	711,703,385	711,703,385		25,600,000	25,600,000	
Tennessee.....	483,701,510	483,701,510		26,720,000	26,720,000	
Alabama.....	271,363,944	269,082,610	1,381,325	32,985,000	31,880,540	1,105,000
Mississippi.....	208,303,024	206,630,074	1,759,350	29,057,600	28,250,120	1,407,480
Louisiana.....	271,001,840	270,185,405	1,770,441	29,068,800	27,047,047	1,421,153
Texas.....	1,220,417,771	1,220,417,771		107,865,600	107,865,600	
Oklahoma (a).....	34,037,571	34,037,571		24,851,200		24,851,200
Indian territory.....	103,221,251	103,221,251		19,840,000		19,840,000
Arkansas.....	233,855,131	227,727,220	6,127,011	33,048,800	20,046,471	4,902,320
Western division.	4,051,504,424	3,366,608,209	684,950,125	752,352,000	204,483,204	547,868,796
Montana.....	207,770,707	113,708,403	94,002,334	92,008,400	18,808,373	74,100,027
Wyoming.....	92,403,357	28,008,282	63,525,075	62,448,000	11,027,040	50,820,060
Colorado.....	603,320,165	551,006,230	51,350,929	66,332,800	25,244,357	41,087,913
New Mexico.....	113,729,183	39,403,410	74,205,707	78,374,400	12,520,394	66,854,000
Arizona.....	95,044,280	27,077,151	68,507,120	72,268,800	16,004,080	56,201,711
Utah.....	183,117,253	135,874,038	47,242,615	52,001,000	12,424,020	40,177,530
Nevada.....	92,222,975	26,098,307	65,224,668	70,233,600	18,118,266	52,115,334
Idaho.....	95,606,807	30,420,602	65,177,205	53,045,600	4,900,210	49,045,381
Washington.....	516,303,149	470,034,275	36,430,874	42,803,200	10,041,442	23,701,756
Oregon.....	830,174,803	329,301,522	50,873,281	60,518,400	20,202,917	40,225,483
California.....	1,671,113,655	1,002,886,407	68,227,248	98,827,200	45,440,687	54,886,513

^a Includes Cherokee strip, No Man's Land, and Greer county (the latter claimed by Texas).

TABLE 5.—TRUE VALUATION OF REAL AND PERSONAL PROPERTY, ARRANGED IN ORDER OF AMOUNT, AND ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	TRUE VALUATION OF REAL AND PERSONAL PROPERTY.			Total true valuation of real and personal property per capita.	Per cent of true valuation of real estate and improvements of total true valuation of real and personal property.	Assessed val- uation of real and personal property taxed.	Per cent of assessed val- uation of real and personal property taxed of total true valuation of real and personal property.
	Total.	Real estate and improvements.	Personal property.				
The United States.	\$65,037,091,197	\$30,544,544,333	\$25,492,516,864	a \$1,086	60.80	\$25,473,173,418	b 39.20
Oklahoma.....	48,285,124	34,037,571	14,247,553	781	70.40	.....	.....
Indian territory.....	159,705,402	103,221,251	56,544,211	.....	64.01	.....	.....
Wyoming.....	160,773,710	92,493,857	77,280,353	2,707	54.48	32,536,401	19.16
Delaware.....	175,678,795	105,720,519	69,952,276	1,043	60.18	60,210,510	37.00
Nevada.....	180,323,068	92,222,975	88,100,093	3,041	51.14	25,050,094	14.06
Arizona.....	188,880,976	95,644,280	93,236,606	3,168	50.64	28,050,234	14.85
Idaho.....	207,806,591	95,006,807	112,289,784	2,464	45.99	25,748,497	12.39
New Mexico.....	231,450,897	113,729,183	117,730,714	1,507	49.14	43,227,086	18.08
Vermont.....	265,567,323	138,278,104	127,180,120	798	52.11	102,098,513	61.04
New Hampshire.....	325,128,740	170,151,000	148,007,740	863	54.17	203,050,708	80.91
North Dakota.....	337,000,506	175,917,000	161,080,407	1,844	52.20	88,203,054	26.17
District of Columbia.....	343,500,733	280,503,000	57,083,727	1,491	83.40	153,307,541	44.62
Utah.....	349,411,234	183,117,253	166,293,981	1,081	52.41	106,110,370	30.97
Florida.....	389,480,388	195,614,308	103,874,090	905	50.23	91,761,711	23.56
South Carolina.....	400,911,803	176,528,452	224,382,851	348	44.03	108,202,000	41.07
South Dakota.....	425,141,200	206,923,201	218,218,098	1,203	48.67	140,154,930	32.07
West Virginia.....	438,954,881	248,727,477	190,227,404	575	50.66	180,004,770	42.59
Montana.....	453,135,209	207,770,707	245,304,412	8,429	45.85	112,937,884	24.02
Mississippi.....	454,242,688	208,393,024	245,840,604	352	45.88	106,772,270	30.71
Arkansas.....	455,147,422	233,855,181	221,292,291	403	51.38	174,737,755	38.39
Maine.....	489,134,128	254,000,550	235,064,560	740	51.04	300,120,101	63.20
Louisiana.....	495,301,597	271,961,816	223,838,761	443	54.91	234,320,780	47.31
Rhode Island.....	504,162,852	334,740,002	109,422,350	1,459	66.40	321,704,503	63.82
North Carolina.....	554,148,090	278,075,226	305,173,773	361	47.76	235,300,674	40.28
Oregon.....	590,396,194	380,174,803	210,221,301	1,882	64.89	166,025,731	28.12
Alabama.....	622,773,504	271,363,944	351,400,500	412	43.57	258,970,575	41.58
Washington.....	780,698,728	516,305,149	244,933,577	2,177	67.88	217,012,897	28.61
Connecticut.....	835,120,210	543,421,891	291,098,328	1,110	65.07	358,013,060	42.08
Georgia.....	852,400,440	415,839,984	437,070,065	464	48.73	415,828,045	48.78
Virginia.....	862,318,070	470,042,553	391,075,517	521	54.58	415,240,107	48.15
Tennessee.....	887,956,143	483,701,510	404,194,033	502	54.48	382,700,101	43.11
Maryland.....	1,085,473,048	745,307,017	340,165,131	1,041	68.00	520,404,777	48.78
Colorado.....	1,145,712,267	603,926,165	542,380,102	2,780	52.66	220,551,064	10.25
Kentucky.....	1,172,232,818	711,793,385	460,438,028	681	60.72	547,500,788	46.71
Nebraska.....	1,275,085,514	708,413,098	567,272,416	1,205	55.53	184,770,305	14.48
New Jersey.....	1,445,285,114	961,013,072	484,271,142	1,000	66.49	893,850,806	61.85
Minnesota.....	1,601,351,927	1,034,163,155	657,088,772	1,300	61.13	588,820,213	54.80
Kansas.....	1,709,348,501	939,530,176	850,813,325	1,201	52.22	347,717,210	10.32
Wisconsin.....	1,833,308,523	1,088,350,591	734,957,032	1,087	59.91	677,000,252	51.48
Michigan.....	2,005,016,272	1,149,290,454	945,725,818	1,001	54.86	898,155,532	42.87
Indiana.....	2,096,176,026	1,288,163,737	807,012,880	956	61.48	856,838,472	40.90
Texas.....	2,105,576,766	1,230,417,771	885,158,995	942	57.90	780,808,005	37.09
Iowa.....	2,287,848,933	1,261,701,010	1,025,047,828	1,196	55.16	510,240,110	22.70
Missouri.....	2,397,902,045	1,438,731,201	950,171,744	805	60.00	887,075,028	37.03
California.....	2,533,733,627	1,671,113,655	862,010,972	2,007	65.05	1,101,196,481	43.46
Massachusetts.....	2,803,645,447	1,808,637,794	905,007,653	1,252	67.72	2,154,134,626	76.83
Ohio.....	3,051,382,364	2,530,255,018	1,421,127,366	1,070	64.03	1,778,138,477	45.00
Illinois.....	5,066,751,719	3,294,042,440	1,772,709,270	1,324	65.01	800,082,020	18.98
Pennsylvania.....	6,190,746,550	3,781,177,285	2,409,560,265	1,177	61.08	2,050,700,900	42.96
New York.....	8,570,701,991	5,817,704,607	2,758,997,324	1,430	67.83	3,785,910,313	44.14

^a In computing this per capita the true valuation of Indian territory is excluded.

^b In computing this per cent the true valuation of Oklahoma and Indian territory is excluded.

TABLE 6.—ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED AND AD VALOREM TAXATION IN DETAIL, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED.		AD VALOREM TAXATION.					
	Real estate.	Personal property.	Levy, except for schools.			Levy for schools.		
			State.	County.	Municipal.	State.	County and minor division.	
The United States.	\$18,056,550,075	\$6,516,616,743	\$46,550,597	\$04,629,410	\$202,985,855	\$22,070,350	\$103,113,028	
North Atlantic division.	8,001,385,328	2,907,282,257	11,557,734	19,007,604	107,254,703	5,700,178	35,302,053	
Maine.....	223,946,082	75,183,019	295,100	335,903	3,110,890	236,600	944,350	
New Hampshire.....	141,729,710	121,300,082	618,701	484,709	2,350,242	.....	600,088	
Vermont.....	112,895,126	49,203,388	176,651	11,802	1,206,625	.....	620,817	
Massachusetts.....	1,600,197,807	563,096,810	1,782,891	1,080,182	21,036,638	.....	6,694,907	
Rhode Island.....	243,081,206	78,083,207	501,363	.....	2,601,185	.....	604,870	
Connecticut.....	281,451,066	97,402,200	.....	24,302	4,413,060	.....	1,674,739	
New York.....	8,403,751,240	332,150,067	5,881,585	7,950,882	40,252,685	8,537,318	12,004,082	
New Jersey.....	502,375,701	988,210	3,037,853	7,001,311	1,095,260	1,080,882	.....
Pennsylvania.....	2,042,010,699	211,484,075	1,720,284	5,263,821	10,183,154	.....	11,167,303	
South Atlantic division.	1,528,180,495	734,247,278	7,162,803	7,052,701	10,587,703	2,624,500	4,360,917	
Delaware.....	63,846,513	2,864,006	.....	204,843	371,130	.....	260,206	
Maryland.....	411,000,240	117,504,531	340,586	1,477,085	4,477,085	600,201	1,382,448	
Dist. of Columbia.....	141,000,801	11,697,050	1,701,022	.....	.....	488,188	.....
Virginia.....	272,311,276	142,937,831	1,209,502	1,022,740	1,893,837	302,070	651,547	
West Virginia.....	121,202,365	65,762,405	470,337	1,207,808	346,047	186,060	982,655	
North Carolina.....	142,068,032	93,231,742	702,215	807,485	432,316	274,394	88,998	
South Carolina.....	90,042,728	78,210,046	709,248	814,201	677,802	386,525	117,122	
Georgia.....	225,054,915	190,774,080	1,260,315	1,004,226	1,954,402	377,367	416,020	
Florida.....	60,500,574	31,165,137	470,708	514,294	404,354	31,802	465,221	
North Central division.	5,569,100,113	2,107,060,305	16,243,001	42,545,710	65,208,070	7,246,782	51,364,750	
Ohio.....	1,232,305,312	546,883,105	8,022,840	8,577,134	11,741,423	1,778,144	8,769,876	
Indiana.....	554,900,734	301,037,758	1,029,015	5,151,206	4,941,588	1,414,208	3,048,037	
Illinois.....	587,442,280	222,340,087	1,825,420	14,768,420	4,050,182	1,002,105	10,754,287	
Michigan.....	730,000,151	158,405,381	1,206,512	2,272,046	6,712,750	.....	4,225,553	
Wisconsin.....	404,590,940	112,475,012	300,974	2,535,870	6,455,788	592,880	9,306,372	
Minnesota.....	406,558,306	92,261,847	1,177,518	2,145,467	5,412,879	1,176,277	2,705,287	
Iowa.....	370,921,446	148,324,064	1,298,111	5,001,028	2,850,737	.....	6,015,056	
Missouri.....	599,860,331	288,116,597	2,069,457	3,830,720	6,167,702	692,106	3,787,155	
North Dakota.....	65,181,187	23,021,807	400,877	640,581	856,050	176,900	815,740	
South Dakota.....	101,378,719	38,770,211	842,242	1,049,048	533,426	282,228	1,419,369	
Nebraska.....	115,181,167	69,589,188	1,020,060	2,850,280	2,001,180	142,450	2,203,622	
Kansas.....	241,100,071	100,617,148	1,480,900	3,822,386	3,220,056	.....	4,223,706	
South Central division.	1,734,302,620	811,703,363	6,830,724	10,885,995	10,651,421	3,745,488	4,408,004	
Kentucky.....	376,788,702	170,807,006	1,005,011	1,627,874	2,615,400	1,231,488	.800,552	
Tennessee.....	292,872,811	89,887,380	1,148,284	1,290,218	1,808,781	574,652	808,837	
Alabama.....	164,706,484	104,273,091	692,618	1,169,365	673,570	350,000	82,793	
Mississippi.....	117,004,402	49,767,877	607,080	1,118,897	422,914	504,437	.....
Louisiana.....	150,610,875	74,700,905	1,141,715	773,057	2,630,198	203,746	288,030	
Texas.....	523,893,008	257,005,507	1,561,794	3,970,261	2,268,608	970,111	1,040,506	
Arkansas.....	100,417,158	65,320,507	524,213	929,423	225,938	349,470	784,741	
Western division.	1,523,020,170	555,603,550	7,772,245	14,147,301	9,192,968	2,063,393	7,577,314	
Montana.....	54,948,531	57,993,853	225,878	1,328,806	841,145	.....	451,546	
Wyoming.....	12,719,221	19,817,180	102,682	943,650	74,701	.....	198,231	
Colorado.....	165,388,000	65,170,974	883,070	2,525,286	1,438,289	.....	1,562,026	
New Mexico.....	15,871,084	27,850,602	370,104	873,740	37,072	120,684	126,026	
Arizona.....	10,174,470	17,875,758	217,380	431,898	36,610	8,415	144,067	
Utah.....	80,218,871	25,801,499	212,220	318,331	314,101	318,331	438,521	
Nevada.....	8,544,341	16,805,753	215,477	359,842	36,377	12,671	111,518	
Idaho.....	9,977,403	15,770,974	102,905	380,347	27,946	.....	241,273	
Washington.....	177,204,671	40,408,220	718,123	1,864,532	1,211,771	.....	1,415,288	
Oregon.....	107,640,250	58,385,472	405,034	1,174,026	340,776	.....	867,277	
California.....	801,440,172	200,087,250	4,162,288	5,022,834	5,324,520	2,224,202	2,020,018	

TABLE 7.—COMPARATIVE STATEMENT OF THE ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED, TOTAL AND PER CAPITA, BY STATES AND TERRITORIES: 1850 TO 1890.

STATES AND TERRITORIES.	TOTAL ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED.				
	1890	1880	1870	1860	1850
The United States.....	\$25,473,173,418	\$17,139,003,405	\$14,178,980,732	\$12,084,500,005	\$6,024,000,000
North Atlantic division.....	10,908,667,585	7,730,760,530	6,022,668,900	4,012,868,658	2,381,782,600
Maine.....	300,120,101	235,078,716	204,253,780	154,380,388	96,799,553
New Hampshire.....	263,059,798	205,586,805	149,065,200	123,810,089	95,251,596
Vermont.....	162,098,513	86,800,775	102,548,523	84,758,010	72,980,483
Massachusetts.....	2,154,134,026	1,534,750,302	1,501,083,112	777,157,810	551,100,324
Rhode Island.....	321,764,503	252,536,678	244,278,854	125,104,305	77,758,974
Connecticut.....	358,013,956	327,177,385	425,403,237	341,256,076	110,088,672
New York.....	3,785,910,313	2,651,040,006	1,007,001,185	1,390,404,038	715,360,028
New Jersey.....	803,850,860	702,518,361	624,868,971	206,082,492	a153,151,610
Pennsylvania.....	2,650,796,909	1,083,450,016	1,318,236,042	710,253,835	500,275,851
South Atlantic division.....	2,202,380,713	1,004,540,004	1,642,804,845	2,503,787,554	1,477,100,525
Delaware.....	66,210,510	59,951,043	64,787,223	30,707,233	15,800,870
Maryland.....	520,494,777	497,307,075	423,834,018	297,135,298	208,503,500
District of Columbia.....	153,307,541	99,401,787	74,271,008	41,084,045	10,183,755
Virginia.....	416,240,107	318,331,441	305,430,917	3657,021,330	b382,304,253
West Virginia.....	180,904,770	140,091,688	140,588,273	202,297,603	212,071,413
North Carolina.....	235,300,074	150,100,202	130,378,622	480,310,128	283,867,709
South Carolina.....	108,262,069	133,500,135	183,913,337	355,110,225	355,110,225
Georgia.....	415,828,045	251,963,124	227,219,510	68,020,085	23,198,734
Florida.....	91,761,711	30,938,500	32,480,848	-----	-----
North Central division.....	7,670,760,418	5,403,200,287	4,011,954,756	2,643,002,170	879,000,017
Ohio.....	1,778,138,477	1,534,360,508	1,167,731,697	950,867,101	433,872,632
Indiana.....	856,838,472	727,815,131	663,455,044	411,042,424	152,870,300
Illinois.....	800,082,020	786,010,304	482,890,575	380,207,372	114,752,045
Michigan.....	898,155,532	517,606,550	272,242,017	163,533,005	30,877,223
Wisconsin.....	577,006,252	e406,303,185	933,200,888	185,045,489	26,715,525
Minnesota.....	588,820,213	258,028,687	84,135,332	92,018,773	262,088
Iowa.....	519,246,110	308,671,251	302,515,418	205,100,983	21,600,642
Missouri.....	887,976,928	501,030,771	550,120,960	206,035,851	68,505,463
North Dakota.....	88,203,054	720,321,530	d2,024,480	-----	-----
South Dakota.....	140,154,930	90,585,782	54,584,616	7,426,049	-----
Nebraska.....	184,770,305	100,891,080	92,125,861	22,518,232	-----
Kansas.....	347,717,210	-----	-----	-----	-----
South Central division.....	2,546,065,973	1,300,320,491	1,403,821,602	2,730,170,407	1,252,873,066
Kentucky.....	547,596,788	370,743,984	409,544,204	528,212,693	291,887,554
Tennessee.....	382,760,191	228,154,432	253,782,161	382,495,200	195,281,358
Alabama.....	258,970,575	122,807,228	155,682,595	432,108,762	241,884,428
Mississippi.....	166,772,270	110,028,120	177,278,800	500,472,012	208,422,107
Louisiana.....	234,820,780	160,102,430	253,371,890	435,787,205	220,466,118
Texas.....	780,898,605	320,364,515	149,732,020	207,702,335	53,563,671
Arkansas.....	174,737,755	86,409,304	94,528,843	180,211,330	36,428,675
Western division.....	2,079,280,720	852,067,174	407,677,030	188,071,117	88,147,201
Montana.....	112,937,384	18,600,802	9,043,411	-----	-----
Wyoming.....	32,530,401	13,021,829	5,516,748	-----	-----
Colorado.....	220,554,064	74,471,093	17,338,101	-----	-----
New Mexico.....	43,227,686	14,075,200	17,784,014	20,838,780	5,174,471
Arizona.....	28,050,234	9,270,214	1,410,205	-----	-----
Utah.....	106,110,370	24,775,279	12,505,842	4,158,020	980,083
Nevada.....	25,350,004	29,201,469	25,740,073	-----	-----
Idaho.....	25,748,497	6,440,876	5,292,205	-----	-----
Washington.....	217,612,897	23,810,683	10,042,803	4,804,735	-----
Oregon.....	166,025,731	52,522,084	31,708,510	19,024,015	5,063,474
California.....	1,101,136,481	584,578,036	260,644,068	130,054,067	21,023,173

a Personal property not returned.

b Virginia before division.

c For purposes of comparison with other years the total of real and personal property has been decreased \$32,068,566, but the amount of this decrease which should apply to real estate is not given and therefore the valuation of real property remains unchanged.

d Dakota territory.

TABLE 7.—COMPARATIVE STATEMENT OF THE ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED, TOTAL AND PER CAPITA, BY STATES AND TERRITORIES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED PER CAPITA.				
	1890	1880	1870	1860	1850
The United States.....	\$407.18	\$341.73	\$367.73	\$384.33	\$260.77
North Atlantic division.....	206.88	532.38	538.48	378.78	270.00
Maine.....	407.61	363.64	325.81	245.72	165.99
New Hampshire.....	698.64	592.48	408.32	370.70	299.56
Vermont.....	487.63	261.24	310.24	268.99	232.33
Massachusetts.....	962.12	888.77	1,092.38	631.29	561.15
Rhode Island.....	631.28	913.23	1,123.88	716.44	527.02
Connecticut.....	480.65	525.42	791.57	741.63	321.17
New York.....	631.21	621.74	448.80	368.30	230.96
New Jersey.....	618.02	621.08	680.03	441.47	312.84
Pennsylvania.....	505.86	393.07	372.87	247.49	210.40
South Atlantic division.....	255.41	223.05	280.00	406.72	315.70
Delaware.....	302.96	408.92	518.24	354.38	173.68
Maryland.....	507.96	531.91	542.70	432.48	357.72
District of Columbia.....	685.42	550.62	568.95	547.22	313.11
Virginia.....	250.70	210.46	298.28	.....	.....
West Virginia.....	245.11	237.67	317.05	4411.50	a268.01
North Carolina.....	145.43	111.52	121.00	294.47	244.03
South Carolina.....	146.17	134.15	200.65	695.94	424.03
Georgia.....	226.82	163.38	101.89	584.74	369.80
Florida.....	234.43	114.80	173.00	490.87	205.30
North Central division.....	343.29	314.03	300.00	290.62	102.79
Ohio.....	484.20	470.78	438.13	410.29	210.00
Indiana.....	390.82	367.90	384.76	304.38	154.00
Illinois.....	211.01	255.57	190.13	227.35	134.81
Michigan.....	428.04	310.24	220.92	218.30	77.05
Wisconsin.....	342.09	308.86	315.04	230.66	87.48
Minnesota.....	452.30	330.48	191.34	186.13	43.13
Iowa.....	271.50	245.80	263.36	303.09	112.85
Missouri.....	331.44	250.15	323.09	225.83	144.56
North Dakota.....	482.73	b150.33	b200.23	.....	.....
South Dakota.....	426.25	200.28	448.80	257.61	.....
Nebraska.....	174.49	161.52	252.82	210.05	.....
Kansas.....	243.66	.....	.....	.....	.....
South Central division.....	233.35	156.89	232.16	474.32	291.13
Kentucky.....	294.62	224.87	310.02	457.06	290.01
Tennessee.....	216.55	147.93	201.65	344.65	194.75
Alabama.....	171.17	97.32	156.05	448.25	312.76
Mississippi.....	120.32	97.76	214.19	613.84	343.63
Louisiana.....	209.48	170.40	348.50	615.52	437.37
Texas.....	349.31	201.27	182.92	440.21	261.06
Arkansas.....	154.88	107.07	195.12	413.85	173.56
Western division.....	686.78	482.02	411.58	303.84	185.37
Montana.....	854.50	475.24	482.81	.....	.....
Wyoming.....	535.98	655.24	605.04	.....	.....
Colorado.....	535.07	333.20	434.09	.....	.....
New Mexico.....	281.44	122.74	163.57	222.84	84.07
Arizona.....	470.48	229.23	140.02	.....	.....
Utah.....	510.38	172.00	144.70	103.25	86.65
Nevada.....	558.97	470.42	605.80	.....	.....
Idaho.....	305.13	197.51	352.84	.....	.....
Washington.....	622.84	316.99	444.20	370.05	.....
Oregon.....	520.14	300.52	340.73	302.02	380.88
California.....	911.41	676.05	481.20	307.52	236.70

^a Virginia before division.^b Dakota territory.

TABLE 8.—COMPARATIVE STATEMENT OF THE ASSESSED VALUATION OF REAL ESTATE AND IMPROVEMENTS TAXED, TOTAL AND PER CAPITA, BY STATES AND TERRITORIES: 1850 TO 1890.

STATES AND TERRITORIES.	TOTAL ASSESSED VALUATION OF REAL ESTATE AND IMPROVEMENTS TAXED.				
	1890	1880	1870	1860	1850
The United States	\$18,956,556,675	\$13,032,100,450	\$9,914,780,825	\$6,973,000,049	\$3,800,226,347
North Atlantic division.....	8,601,885,928	6,208,124,741	4,592,063,444	2,744,670,248	1,835,083,034
Maine	233,946,082	173,856,212	134,580,157	80,717,716	64,936,110
New Hampshire	141,729,716	122,733,124	85,231,288	59,038,346	67,839,108
Vermont	112,895,125	71,436,623	80,993,100	65,030,973	57,320,366
Massachusetts	1,600,137,807	1,111,160,072	901,037,841	475,413,105	349,120,932
Rhode Island	243,081,296	188,224,450	132,870,681	83,778,204	64,358,231
Connecticut	261,451,666	228,791,267	204,110,509	101,478,842	96,412,947
New York	3,403,751,246	2,329,282,350	1,532,720,907	1,060,658,080	664,640,640
New Jersey	502,375,791	442,632,638	448,832,127	151,161,942	150,151,619
Pennsylvania	2,042,016,500	1,540,007,957	1,071,080,934	501,192,980	427,855,000
South Atlantic division.....	1,528,133,435	1,183,308,001	1,140,005,008	900,328,510	727,013,001
Delaware	63,340,513	50,742,739	48,744,783	26,273,803	14,486,595
Maryland	411,900,246	368,442,913	286,010,332	65,341,436	130,026,010
District of Columbia	141,609,891	87,980,356	71,437,408	33,097,542	14,404,413
Virginia	272,311,276	233,601,590	270,116,017	.....	.....
West Virginia	121,202,305	105,000,306	95,024,774	a117,052,228	a232,105,824
North Carolina	142,068,932	101,700,328	83,322,012	116,306,573	71,702,740
South Carolina	90,042,733	77,401,070	110,494,075	120,772,684	105,737,402
Georgia	225,054,015	130,983,041	143,048,216	170,801,441	121,010,739
Florida	60,590,574	18,885,151	20,197,001	21,722,810	7,924,588
North Central division.....	5,560,100,113	4,044,078,170	2,800,106,397	1,888,408,421	602,004,381
Ohio	1,232,305,312	1,093,077,705	707,846,836	687,518,121	337,521,075
Indiana	554,900,734	588,083,239	460,120,974	291,820,002	112,947,740
Illinois	587,442,289	575,441,059	348,433,900	287,210,040	81,524,835
Michigan	739,000,151	432,801,884	224,068,607	123,005,084	25,580,371
Wisconsin	464,500,340	344,788,721	252,322,107	148,238,700	22,458,442
Minnesota	406,558,366	203,416,781	62,070,587	25,291,771	97,363
Iowa	370,021,440	297,264,342	226,010,638	149,433,423	15,672,332
Missouri	509,850,331	381,985,112	418,527,585	158,450,577	66,802,233
North Dakota	65,181,187	61,333,018	61,695,723	.....	.....
South Dakota	101,978,719	.....	.....	.....	.....
Nebraska	115,181,187	55,073,375	38,305,090	5,732,145	.....
Kansas	241,100,071	108,432,040	65,409,365	10,088,602	.....
South Central division.....	1,734,302,020	1,001,205,255	1,121,048,820	1,207,222,801	651,183,205
Kentucky	376,798,792	265,085,008	311,470,604	277,925,054	177,013,407
Tennessee	202,872,811	185,614,200	223,035,375	210,091,180	107,981,703
Alabama	154,706,484	77,374,008	117,223,043	155,034,089	78,870,718
Mississippi	117,004,402	79,468,680	118,278,400	157,836,737	65,171,438
Louisiana	159,010,875	122,302,207	191,343,376	280,704,988	170,023,054
Texas	523,893,098	205,505,924	97,186,508	112,470,018	28,140,071
Arkansas	109,417,158	55,760,388	63,102,304	63,254,740	17,372,524
Western division	1,523,026,179	504,430,274	245,800,256	82,367,000	23,302,126
Montana	54,943,531	5,077,102	2,728,128	.....	.....
Wyoming	12,710,221	4,485,201	803,605	.....	.....
Colorado	155,888,090	35,004,107	8,840,811	.....	.....
New Mexico	15,371,084	4,788,764	9,017,001	7,018,200	2,070,486
Arizona	10,174,476	8,922,061	538,356	.....	.....
Utah	80,218,871	14,779,344	7,047,881	286,504	337,806
Nevada	8,544,341	13,280,555	14,504,722	.....	.....
Idaho	9,977,403	2,297,626	1,026,565	.....	.....
Washington	177,294,071	11,335,023	5,146,776	1,870,003	.....
Oregon	107,640,259	32,584,060	17,674,202	6,279,002	8,007,382
California	891,440,172	460,273,585	176,527,160	66,060,031	16,347,442

^a Virginia before division.^b Dakota territory.

TABLE 8.—COMPARATIVE STATEMENT OF THE ASSESSED VALUATION OF REAL ESTATE AND IMPROVEMENTS TAXED, TOTAL AND PER CAPITA, BY STATES AND TERRITORIES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	ASSESSED VALUATION OF REAL ESTATE AND IMPROVEMENTS TAXED PER CAPITA.				
	1890	1880	1870	1860	1850
	\$303.01	\$250.83	\$257.14	\$221.76	\$168.18
The United States.....					
North Atlantic division.....	404.20	427.93	373.38	250.07	212.72
Maine.....	263.88	207.91	214.07	138.02	110.32
New Hampshire.....	276.41	253.71	207.77	182.60	213.35
Vermont.....	330.61	214.00	245.02	208.32	182.48
Massachusetts.....	714.08	623.17	618.27	586.18	361.00
Rhode Island.....	703.55	680.60	611.34	470.77	368.42
Connecticut.....	350.85	307.42	379.77	416.13	200.02
New York.....	507.49	458.26	340.72	275.68	182.30
New Jersey.....	380.21	301.32	495.35	224.03	312.84
Pennsylvania.....	388.36	350.57	304.20	193.10	186.08
South Atlantic division.....	172.52	155.76	196.31	184.00	155.37
Delaware.....	375.06	343.11	380.01	234.14	158.27
Maryland.....	305.15	304.08	307.41	95.10	238.45
District of Columbia.....	614.65	495.32	542.43	440.83	278.78
Virginia.....	164.44	154.44	227.82	a261.82	a177.33
West Virginia.....	158.80	109.78	217.02		
North Carolina.....	87.81	72.60	77.77	117.23	82.51
South Carolina.....	78.22	77.81	100.35	184.41	158.17
Georgia.....	122.49	90.77	121.67	170.06	134.21
Florida.....	164.81	70.08	107.58	154.60	90.62
North Central division.....	240.04	232.05	210.17	207.60	122.02
Ohio.....	335.57	341.98	205.58	208.87	170.44
Indiana.....	253.10	272.30	273.78	216.10	114.27
Illinois.....	163.53	180.06	197.18	167.77	95.75
Michigan.....	353.26	264.43	180.74	105.00	64.33
Wisconsin.....	275.41	262.10	230.24	101.06	73.54
Minnesota.....	381.48	200.57	141.18	147.03	16.02
Iowa.....	104.01	182.07	180.79	221.41	81.54
Missouri.....	228.90	176.10	243.16	129.82	97.94
North Dakota.....	350.73	b108.04	b110.58	-----	-----
South Dakota.....	208.32				
Nebraska.....	108.77	121.74	311.94	108.75	-----
Kansas.....	168.04	108.80	170.75	150.07	-----
South Central division.....	158.06	112.25	174.82	210.67	151.31
Kentucky.....	202.72	160.79	235.70	240.49	180.18
Tennessee.....	165.70	126.85	177.22	198.23	107.69
Alabama.....	102.25	61.20	117.58	160.70	102.21
Mississippi.....	90.78	70.23	142.88	109.46	107.45
Louisiana.....	142.70	130.18	268.23	300.47	341.18
Texas.....	234.85	129.11	118.73	186.15	132.41
Arkansas.....	96.99	60.48	130.25	145.26	82.77
Western division.....	503.24	330.27	248.16	183.07	180.05
Montana.....	415.74	129.00	192.47	-----	-----
Wyoming.....	209.58	215.75	94.72	-----	-----
Colorado.....	370.90	183.22	221.77	-----	-----
New Mexico.....	100.08	40.05	107.05	75.05	43.54
Arizona.....	170.06	97.01	55.74	-----	-----
Utah.....	385.84	102.66	81.21	7.11	20.60
Nevada.....	186.72	213.20	343.48	-----	-----
Idaho.....	118.24	70.45	128.45	-----	-----
Washington.....	507.18	150.91	214.85	161.81	-----
Oregon.....	343.06	186.45	194.80	119.69	300.60
California.....	737.88	630.24	315.00	176.07	176.54

^a Virginia before division.^b Dakota territory.

TABLE 9.—COMPARATIVE STATEMENT OF AD VALOREM TAXATION, TOTAL AND PER CAPITA, AND RATE PER \$100 ON TOTAL ASSESSED VALUATION, BY STATES AND TERRITORIES: 1860 TO 1890.

STATES AND TERRITORIES.	AD VALOREM TAXATION.								RATE PER \$100 ON TOTAL ASSESSED VALUATION.			
	Total.				Per capita.							
	1890	1880	1870	1860	1890	1880	1870	1860	1890	1880	1870	1860
The United States	\$471,365,140	\$313,921,474	\$280,501,521	\$94,186,746	\$7.53	\$6.26	\$7.28	\$3.00	\$1.85	\$1.83	\$1.08	\$0.78
North Atlantic division.	170,072,262	130,622,143	123,807,890	30,115,571	10.29	9.42	10.07	3.60	1.64	1.77	1.87	0.07
Maine	4,022,858	5,182,135	5,348,645	2,257,213	7.45	7.99	8.53	3.59	1.50	2.20	2.62	1.46
New Hampshire	4,063,640	3,179,192	3,255,703	1,201,866	10.79	9.10	10.23	3.87	1.64	1.55	2.18	1.02
Vermont	2,105,995	1,745,111	1,547,128	908,080	6.33	5.25	4.08	2.88	1.30	2.01	1.51	1.07
Massachusetts	31,503,666	24,326,877	24,022,000	7,430,578	14.07	13.64	17.10	6.04	1.46	1.54	1.57	0.96
Rhode Island	3,797,417	2,602,715	2,170,152	688,133	10.99	9.74	9.98	3.93	1.18	1.07	0.89	0.56
Connecticut	6,112,197	5,365,730	6,064,843	1,015,037	8.10	8.02	11.28	2.21	1.70	1.64	1.43	0.30
New York	75,126,502	56,302,975	48,550,308	15,863,422	12.53	11.00	11.08	3.06	1.98	2.18	2.47	1.10
New Jersey	14,103,525	8,958,065	7,416,724	1,457,568	9.78	7.92	8.19	2.17	1.58	1.28	1.10	0.40
Pennsylvania	37,837,062	28,779,334	24,531,397	8,729,736	7.10	6.72	6.97	3.00	1.40	1.71	1.87	1.21
South Atlantic division.	32,087,813	21,552,044	23,212,138	9,579,817	3.60	2.84	3.07	1.70	1.44	1.27	1.41	0.38
Delaware	622,170	604,257	418,082	a205,801	5.47	4.12	3.34	1.88	1.30	1.01	0.65	0.52
Maryland	8,173,075	5,437,402	6,632,842	2,158,895	7.84	5.82	8.49	3.14	1.54	1.09	1.56	0.73
Dist. of Columbia	2,280,110	1,409,254	1,581,569	200,218	9.90	8.27	12.01	3.47	1.49	1.48	2.13	0.03
Virginia	5,230,614	4,693,486	4,613,798	1,072,080	3.16	3.10	3.77	b2.30	1.26	1.47	1.26	0.56
West Virginia	8,259,000	1,903,475	1,722,158	68,072,080	4.27	3.22	3.90	b2.30	1.74	1.36	1.23	0.56
North Carolina	2,394,458	1,916,132	2,362,809	1,044,732	1.48	1.37	2.20	1.05	1.02	1.23	1.80	0.30
South Carolina	2,745,048	1,830,988	2,767,675	1,280,386	1.85	1.92	1.82	1.03	1.38	1.50	0.26	0.26
Georgia	5,711,990	3,013,777	2,627,029	707,885	3.11	1.05	2.22	0.75	1.37	1.20	1.16	0.13
Florida	1,976,489	584,818	496,106	150,121	5.05	2.17	2.64	1.13	2.15	1.89	1.53	0.23
North Central division.	181,099,222	113,092,172	94,271,274	30,972,624	8.13	6.56	7.42	3.40	2.37	2.09	2.40	1.17
Ohio	33,889,417	25,756,658	23,526,548	9,611,021	0.23	8.05	8.83	4.11	1.01	1.08	2.01	1.00
Indiana	15,584,054	11,043,630	10,791,121	3,701,352	7.11	6.04	6.42	2.74	1.82	1.64	1.03	0.90
Illinois	33,080,420	24,586,018	21,825,008	6,121,700	8.05	7.00	8.59	3.58	4.00	3.13	4.52	1.57
Michigan	14,477,767	8,627,940	5,412,057	1,766,694	6.01	5.27	4.57	2.36	1.61	1.07	1.90	1.08
Wisconsin	13,191,804	7,588,325	5,387,970	2,330,011	7.82	5.77	5.11	3.00	2.29	1.87	1.62	1.25
Minnesota	12,707,428	4,346,300	2,048,372	600,007	0.76	5.57	6.02	3.87	2.10	1.08	3.15	2.08
Iowa	15,175,432	11,061,605	9,055,614	2,978,400	7.94	6.81	7.58	3.52	2.02	2.77	2.00	1.16
Missouri	16,447,206	11,831,491	11,908,498	4,100,653	6.14	5.46	8.08	3.48	1.85	2.11	2.50	1.54
North Dakota	2,427,563	478,066	613,807	13,292	c3.54	6.08	b2.75	b2.59	e2.35	e2.47	.....	.....
South Dakota	3,626,313	2,702,480	1,027,327	61,803	7.80	6.17	8.35	3.10	4.51	3.08	1.88	1.24
Nebraska	8,325,601	2,673,092	105,857	8.94	5.00	7.34	1.83	3.67	3.10	2.90	0.87	0.87
Kansas	12,750,148	4,970,650	2,673,092	105,857	8.94	5.00	7.34	1.83	3.67	3.10	2.90	0.87
South Central division.	36,522,622	22,790,152	26,688,260	11,186,449	3.35	2.56	4.18	1.94	1.43	1.63	1.80	0.41
Kentucky	7,370,326	5,201,017	5,730,118	2,148,241	3.07	3.15	4.34	1.80	1.36	1.40	1.40	0.41
Tennessee	5,036,772	2,515,567	3,381,579	1,102,703	3.19	1.63	2.69	0.99	1.47	1.10	1.33	0.29
Alabama	2,068,352	2,061,978	2,082,032	851,171	1.06	1.63	2.09	0.88	1.15	1.68	1.02	0.20
Mississippi	2,803,337	2,217,188	3,730,492	824,800	2.17	1.96	4.51	1.21	1.08	2.00	2.11	0.19
Louisiana	5,103,075	4,386,046	7,060,722	4,900,780	4.56	4.07	0.71	7.01	2.18	2.74	2.79	1.14
Texas	9,817,369	4,508,710	1,129,577	533,205	4.39	2.87	1.38	0.88	1.26	1.43	0.75	0.20
Arkansas	2,813,701	1,830,090	2,866,800	1,055,393	2.49	2.29	5.02	1.46	1.01	2.13	3.03	0.35
Western division	41,388,221	18,964,863	10,411,069	8,382,285	13.67	10.73	10.51	5.38	1.00	2.23	2.55	1.77
Montana	2,347,370	383,947	198,527	.....	17.70	0.80	0.04	.....	2.08	2.00	2.00	.....
Wyoming	784,333	230,228	34,471	.....	12.92	11.07	3.78	.....	2.41	1.69	0.62	.....
Colorado	6,410,271	2,152,008	302,107	.....	15.57	11.07	9.09	.....	2.01	2.80	2.00	.....
New Mexico	1,043,316	164,100	61,014	20,700	6.70	1.97	0.60	0.32	2.41	1.12	0.34	0.14
Arizona	2,838,379	298,036	31,323	.....	14.06	7.25	3.24	.....	2.99	3.10	2.22	.....
Utah	1,001,504	435,238	167,355	65,006	7.70	8.02	1.93	1.01	1.51	1.76	1.33	1.50
Nevada	735,910	871,678	820,308	.....	16.08	14.00	10.31	.....	2.00	2.98	3.19	.....
Idaho	761,501	186,769	174,711	.....	9.02	5.73	11.65	.....	2.06	2.00	3.30	.....
Washington	5,209,714	505,417	163,902	57,311	14.91	6.73	6.85	4.94	2.39	2.12	1.54	1.30
Oregon	2,887,018	1,118,942	580,950	199,056	9.20	6.37	6.30	3.70	1.74	2.12	1.83	1.05
California	18,754,850	12,628,005	7,817,115	2,981,122	15.52	14.60	13.95	7.85	1.70	2.10	2.90	2.18

^a Not complete for 1860.^b Virginia before division.^c Dakota territory.

TABLE 10.—ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED AND AD VALOREM TAXATION IN DETAIL, FOR CITIES HAVING 25,000 INHABITANTS OR MORE: 1890.

CITIES.	ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED.		AD VALOREM TAXATION.					
	Real estate.	Personal property.	Levy except for schools.			Levy for schools.		
			State.	County.	Municipal.	State.	County and minor division.	
New York, N. Y.	\$1,398,290,007	\$220,450,798	\$2,730,470	-----	a \$24,874,965	\$1,448,704	\$4,167,707	
Chicago, Ill.	170,554,147	48,802,133	496,640	\$1,570,937	7,401,356	294,738	4,252,361	
Philadelphia, Pa.	685,507,618	288,830,670	b \$50,874	-----	9,105,068	-----	3,110,976	
Brooklyn, N. Y.	430,011,704	14,120,407	581,102	2,009,518	7,072,028	415,151	1,037,437	
St. Louis, Mo.	212,131,450	35,111,515	570,900	-----	3,022,677	104,828	905,311	
Boston, Mass.	610,000,275	202,051,525	678,824	709,204	7,705,374	-----	1,910,200	
Baltimore, Md.	209,553,077	68,698,014	181,518	-----	4,270,610	202,887	877,000	
San Francisco, Cal.	235,355,008	66,107,742	1,139,872	-----	2,020,229	609,188	478,771	
Cincinnati, Ohio	137,121,400	40,651,780	302,215	661,310	2,844,372	177,773	755,759	
Cleveland, Ohio	72,734,940	26,870,115	160,844	278,919	c 1,593,041	99,014	831,774	
Buffalo, N. Y.	140,275,260	10,901,125	177,608	416,035	1,941,050	142,135	578,452	
New Orleans, La.	87,052,430	44,262,029	648,080	-----	2,480,084	148,568	184,000	
Pittsburg, Pa.	134,425,308	23,563,733	68,461	428,064	2,488,156	-----	697,355	
Washington, D. C. (d)	141,000,801	11,607,650	1,791,922	-----	d 188,188	-----		
Detroit, Mich.	105,550,478	38,436,000	170,601	163,010	2,156,307	-----	388,900	
Milwaukee, Wis.	85,000,020	10,881,035	41,844	300,102	1,455,194	70,374	506,169	
Newark, N. J.	88,526,610	23,085,800	-----	350,353	1,201,845	828,205	101,415	
Minneapolis, Minn.	118,889,845	18,212,331	274,204	260,494	2,343,388	274,206	380,740	
Jersey City, N. J.	70,414,205	5,707,750	-----	421,050	1,550,300	234,128	(f)	
Louisville, Ky.	61,970,505	26,832,070	177,025	105,388	1,401,082	100,828	207,522	
Omaha, Neb.	10,315,645	8,674,070	112,802	237,021	701,102	9,904	60,094	
Rochester, N. Y.	83,010,022	5,035,700	60,940	151,227	1,030,000	71,025	383,000	
St. Paul, Minn.	105,320,045	10,119,885	242,870	242,870	1,280,684	242,878	458,665	
Kansas City, Mo.	61,010,327	21,475,230	192,406	478,410	g 1,150,069	54,001	338,191	
Providence, R. I.	104,084,440	35,082,020	303,388	-----	1,557,870	-----	248,000	
Denver, Colo.	50,360,750	7,255,000	260,490	479,608	800,247	-----	386,180	
Indianapolis, Ind.	39,060,305	19,136,585	60,847	201,927	561,687	98,040	116,411	
Allegheny, Pa.	47,859,475	10,411,004	30,281	155,280	408,018	-----	207,749	
Albany, N. Y.	60,899,160	6,600,725	72,480	242,120	769,300	57,965	180,000	
Columbus, Ohio	31,570,710	12,002,500	74,228	205,217	474,188	48,063	250,027	
Syracuse, N. Y.	40,307,516	3,001,400	40,000	-----	60,030	560,910	37,590	101,040
Worcester, Mass.	57,810,050	15,007,410	64,025	48,575	749,357	-----	332,000	
Toledo, Ohio	24,502,950	9,820,650	58,518	209,978	h 402,248	34,423	203,003	
Richmond, Va.	35,334,433	12,583,007	143,766	-----	611,541	47,918	107,058	
New Haven, Conn.	39,238,050	11,501,480	-----	730,407	-----	257,580	-----	
Paterson, N. J.	23,905,471	4,018,800	-----	100,988	i 183,145	85,103	146,354	
Lowell, Mass.	45,300,940	16,745,850	55,316	45,023	833,118	-----	160,000	
Nashville, Tenn.	24,079,400	9,486,325	100,697	67,181	500,011	50,349	83,014	
Soratton, Pa.	11,926,011	3,831,326	11,035	66,489	201,538	-----	170,760	
Fall River, Mass.	32,450,050	21,014,808	39,130	55,263	675,216	-----	135,000	
Cambridge, Mass.	52,177,300	15,204,625	54,180	40,851	680,451	-----	207,300	
Atlanta, Ga.	28,708,723	12,036,427	122,550	140,574	489,120	41,405	135,000	
Memphis, Tenn.	32,084,880	6,873,225	118,074	130,542	614,984	50,337	87,017	
Wilmington, Del.	24,000,923	69,700	-----	99,070	335,000	-----	134,000	
Dayton, Ohio	20,602,270	10,031,400	52,280	76,809	j 337,025	30,724	218,000	
Troy, N. Y.	30,007,256	5,180,517	40,443	117,085	575,232	38,188	94,300	
Grand Rapids, Mich.	14,312,818	4,842,182	35,488	39,730	347,394	-----	186,040	
Reading, Pa.	24,510,030	7,108,802	20,010	67,146	232,027	-----	97,695	
Camden, N. J.	16,741,770	1,200,280	-----	114,829	172,828	54,536	100,704	
Trenton, N. J.	20,800,076	7,232,672	-----	101,848	k 287,840	84,313	-----	
Lynn, Mass.	20,381,282	11,330,746	28,858	31,577	402,386	-----	122,000	
Lincoln, Neb.	4,631,584	846,530	32,071	106,261	210,075	5,477	41,076	
Charleston, S. C.	11,007,900	7,857,512	80,012	35,372	491,890	37,731	98,300	
Hartford, Conn.	30,571,315	10,784,624	-----	718,298	-----	210,054	-----	
St. Joseph, Mo.	16,028,060	8,774,000	57,871	148,812	390,833	16,535	90,208	
Evansville, Ind.	11,275,730	0,202,365	21,240	128,005	282,226	28,038	58,519	
Los Angeles, Cal.	45,000,436	4,254,234	180,492	234,766	538,789	99,628	1124,074	
Des Moines, Iowa	11,334,440	2,597,320	34,829	174,147	370,507	-----	214,567	
Bridgeport, Conn.	18,731,903	8,210,910	-----	2,798	864,442	-----	219,421	
Oakland, Cal.	35,827,273	3,716,300	149,475	120,608	412,727	79,878	m 80,644	

a Of this amount \$710,898 is to supply the deficiencies in the product of city levy and \$3,258,215 is regarded as a county charge, though not specifically so designated.

b Upon settlement with the state this amount was reduced to \$779,811, of which the city actually paid \$510,874, and retained for its own use \$259,037.

c Exclusive of special taxes, amounting to about \$700,000.

d Includes the District of Columbia.

e One-half of the total appropriation; the other half is derived from the revenue from the United States government.

f City school tax included under "Municipal".

g Includes \$119,000 Kansas township principal and interest tax.

h Exclusive of special taxes and assessments, amounting to \$220,106.

i Includes county road tax.

j Inclusive of electric and gaslight taxes levied upon certain real estate.

k Levy for schools included.

l Includes \$53,052 city school tax.

m Includes \$38,169 city school tax.

TABLE 10.—ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED AND AD VALOREM TAXATION IN DETAIL, FOR CITIES HAVING 25,000 INHABITANTS OR MORE: 1890—Continued.

CITIES.	ASSESSED VALUATION OF REAL AND PERSONAL PROPERTY TAXED.		AD VALOREM TAXATION.					
	Real estate.	Personal property.	Levy except for schools.			Levy for schools.		
			State.	County.	Municipal.	State.	County and minor divisions.	
Portland, Ore.	\$18,025,175	\$7,635,780	\$70,640	\$130,871	\$184,064	.....	.....	\$103,165
Saginaw, Mich.	13,208,920	4,067,765	28,451	12,407	211,580	.....	.....	127,111
Salt Lake, Utah	a\$8,000,000	a\$10,000,000	96,000	144,000	215,707	\$144,000	.....	160,000
Lawrence, Mass.	22,297,625	8,178,598	24,482	27,190	332,084	.....	.....	80,715
Springfield, Mass.	33,795,860	10,607,773	36,007	45,418	345,245	.....	.....	150,000
Manchester, N. H.	20,746,920	3,734,020	63,435	40,500	286,848	.....	.....	70,920
Utica, N. Y.	16,649,231	2,212,730	29,383	91,602	280,018	22,747	.....	70,000
Hoboken, N. J.	17,298,200	1,000,202	.....	104,758	220,470	58,126	43,000	.....
Savannah, Ga.	17,584,070	8,900,000	78,301	118,550	461,698	20,485	50,560	.....
Seattle, Wash.	22,745,975	3,598,070	86,935	184,408	264,815	.....	.....	217,023
Peoria, Ill.	5,337,470	1,701,070	15,971	70,985	222,890	9,583	90,978	.....
New Bedford, Mass.	20,041,500	16,828,254	90,303	50,632	433,418	.....	.....	108,000
Erie, Pa.	13,423,002	5,413,775	15,982	28,245	224,304	.....	.....	110,195
Somerville, Mass.	20,981,700	2,575,800	24,115	22,180	344,400	.....	.....	87,000
Harrisburg, Pa.	20,412,136	4,220,458	12,487	54,403	102,060	.....	.....	88,452
Kansas city, Kan.	7,941,038	1,011,886	34,542	115,086	103,206	.....	.....	135,401
Dallas, Tex.	24,431,275	8,407,825	55,797	104,494	411,236	41,123	82,247	.....
Sioux city, Iowa	14,571,797	1,650,781	40,570	80,273	227,241	.....	97,000	.....
Elizabeth, N. J.	12,574,000	1,930,558	.....	603,100	215,881	42,623	20,000	.....
Wilkesbarre, Pa.	4,197,518	3,440,420	10,178	28,600	40,420	.....	91,580	.....
San Antonio, Tex.	10,282,022	4,133,020	40,830	108,100	270,200	28,019	27,021	.....
Covington, Ky.	18,051,110	1,413,100	38,928	19,464	330,892	43,704	48,061	.....
Portland, Me.	24,343,020	13,613,188	38,132	38,113	466,470	30,438	109,207	.....
Tacoma, Wash.	26,145,850	8,604,490	88,176	181,477	357,004	.....	133,877	.....
Holyoke, Mass.	16,914,870	5,158,055	16,008	20,014	260,005	.....	71,000	.....
Fort Wayne, Ind.	10,248,005	4,923,835	18,206	90,376	218,950	25,034	34,895	.....
Binghamton, N. Y.	16,105,446	2,040,798	18,825	47,986	198,060	14,440	65,000	.....
Norfolk, Va.	14,150,520	2,431,570	49,747	.....	205,083	16,582	13,580	.....
Wheeling, W. Va.	12,439,165	5,658,518	45,244	90,488	108,586	18,008	97,727	.....
Augusta, Ga.	a\$10,304,853	a\$8,587,377	55,921	92,344	236,153	18,892	43,452	.....
Youngstown, Ohio.	4,179,910	2,821,110	11,002	34,305	84,012	7,001	58,808	.....
Duluth, Minn.	10,385,533	4,381,100	47,533	71,290	254,303	47,534	101,886	.....
Yonkers, N. Y.	17,202,415	398,240	28,786	78,283	236,827	22,325	80,040	.....
Lancaster, Pa.	13,451,483	4,440,376	13,159	27,015	121,568	.....	46,270	.....
Springfield, Ohio.	10,430,550	6,100,007	28,102	64,460	103,153	10,581	90,018	.....
Quincy, Ill.	4,735,500	147,701	11,014	36,074	216,024	0,000	45,405	.....
Mobile, Ala.	9,337,755	5,109,372	58,208	72,230	180,001	10,521	10,757	.....
Topeka, Kan.	7,682,460	2,394,599	40,430	50,905	214,641	.....	88,040	.....
Ehira, N. Y.	13,169,189	1,701,948	16,230	72,500	159,259	12,546	45,582	.....
Salem, Mass.	14,289,500	11,388,600	23,855	26,941	325,875	.....	85,202	.....
Long Island city, N. Y.	12,730,056	200,400	17,230	61,873	300,020	13,455	125,424	.....
Alticoa, Pa.	11,303,036	723,853	2,024	30,002	98,588	.....	75,208	.....
Dubuque, Iowa	4,081,020	1,980,520	16,520	95,867	a\$183,216	.....	59,504	.....
Terre Haute, Ind.	10,923,795	4,970,930	19,074	91,394	105,505	20,226	49,273	.....
Chattanooga, Tenn.	13,000,000	2,000,000	45,000	67,500	270,000	22,500	87,500	.....
Galveston, Tex.	14,600,212	4,958,708	39,108	85,003	315,538	24,443	42,072	.....
Waterbury, Conn.	6,816,146	4,052,247	.....	.....	212,547	.....	93,098	.....
Chelsea, Mass.	18,187,500	2,010,830	16,940	.....	273,570	.....	83,300	.....
Bay city, Mich.	7,827,775	2,407,230	19,518	33,204	111,555	.....	56,286	.....
Pawtucket, R. I.	20,397,400	5,242,400	32,111	.....	234,754	.....	75,000	.....
Akron, Ohio.	7,103,520	4,513,480	19,749	42,983	120,939	11,617	104,005	.....
Houston, Tex.	9,048,598	3,002,887	25,893	64,732	20,200	16,183	260,335	.....
Haverhill, Mass.	13,139,600	4,731,106	14,542	16,073	220,154	.....	68,000	.....
Brockton, Mass.	14,589,980	2,588,407	13,003	15,804	101,333	.....	62,000	.....
Williamsport, Pa.	8,146,138	1,756,271	5,041	35,700	156,647	.....	70,190	.....
Davenport, Iowa.	3,018,955	1,385,339	11,030	46,350	140,022	.....	61,800	.....
Sacramento, Cal.	13,064,574	2,007,000	60,374	67,088	270,148	32,264	a\$1,054	.....
Canton, Ohio.	6,066,050	3,174,020	15,710	30,041	126,000	9,241	78,551	.....
Birmingham, Ala.	14,000,000	3,000,000	45,050	59,500	85,000	22,950	.....	.....
Little Rock, Ark.	8,000,000	3,000,000	33,000	77,000	63,413	22,000	55,000	.....
Auburn, N. Y.	8,243,743	2,052,738	13,285	30,405	111,300	10,628	73,127	.....
Taunton, Mass.	12,324,025	4,098,407	15,400	25,081	212,480	.....	73,500	.....
Allentown, Pa.	9,292,768	2,070,722	7,882	26,110	64,640	.....	84,908	.....
Lacrosse, Wis.	8,857,172	1,884,228	5,093	32,701	119,805	11,278	56,822	.....

^a Estimated.^b Includes county road tax.^c The city of Dubuque being under special charter, taxes for local purposes are assessed upon a separate valuation of \$17,890,650.^d Includes \$45,982 city school tax.

TABLE 11.—COMPARATIVE STATEMENT OF ORDINARY RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT EXCLUSIVE OF POSTAL SERVICE AND OF POSTAL SERVICE IN DETAIL, BY CLASSIFICATION OF SOURCES OF RECEIPTS AND OBJECTS OF EXPENDITURE: 1880 AND 1890.

RECEIPTS AND EXPENDITURES EXCLUSIVE OF POSTAL SERVICE.

CLASSIFICATION.	FISCAL YEAR ENDING JUNE 30—		CLASSIFICATION.	FISCAL YEAR ENDING JUNE 30—	
	1890			1880	
	Total receipts.....	\$403,081,713	\$360,782,293	Total expenditures (a).....	\$297,736,487	$259,651,640
Internal revenue.....	142,606,706	135,204,386	Congress.....	6,468,052	5,082,046
Customs.....	239,668,584	198,150,076	Executive department.....	11,203,861	6,878,443
Sales of public lands.....	6,358,272	2,201,863	Judiciary.....	4,340,092	4,347,531
Tax on circulation of national banks.....	1,301,327	8,116,110	Foreign intercourse.....	1,648,277	1,093,055
Repayment of interest by Pacific railways.....	705,091	810,834	Improving harbors and rivers.....	11,737,438	8,518,074
Sinking fund for Pacific railways.....	1,842,565	805,186	Other expenses of military establishment.....	32,845,400	31,048,387
Customs fees, fines, penalties, and forfeitures.....	1,290,325	1,533,060	Constructing new war vessels.....	6,831,803	.....
Fees, consular and land.....	1,760,071	1,468,876	Other expenses of naval establishment.....	16,174,403	15,080,072
Proceeds, sales of government property except lands.....	102,123	202,174	Indians.....	6,708,047	6,514,161
Profit on coinage of silver dollars.....	9,385,417	3,236,938	Pensions.....	100,036,855	50,059,280
Profit on other coinage.....	831,828	231,548	Construction of public buildings, including sites.....	4,377,050	3,480,440
Revenue, District of Columbia.....	2,803,141	2,010,190	District of Columbia.....	5,077,420	3,699,856
Tax on sealskins.....	202,500	317,595	Interest on public debt.....	30,000,284	82,505,741
Fees on letters patent.....	1,947,021	770,108	Miscellaneous, including deficiency in postal revenue.....	47,558,005	39,833,445
Miscellaneous.....	2,671,552	5,581,731			

RECEIPTS AND EXPENDITURES ON ACCOUNT OF POSTAL SERVICE.

Total receipts.....	\$60,982,098	\$36,913,197	Postage stamps, stamped envelopes, letter sheets, wrappers, and postal cards.....	\$57,651,725	\$31,494,120
Letter postage.....	108,725	78,753	Revenue from money order business.....	824,220	200,205
Box rents and branch offices.....	2,257,500	1,423,802	Miscellaneous.....	20,801	32,305
Fines and penalties.....	0,810	11,288	Treasury grants.....	6,100,000	3,597,717
Dead letters	12,311	6,507			
Total expenditures.....	60,250,547	36,542,804	Postage stamps.....	155,874	89,184
Compensation of postmasters.....	13,758,816	7,718,781	Distribution of postage stamps.....	8,117	7,300
Compensation of clerks for post offices.....	6,521,403	3,569,466	Stamped envelopes, newspaper wrappers, and letter sheets.....	855,820	418,010
Packing boxes, etc.....	1,413	.....	Distribution of stamped envelopes, newspaper wrappers, and letter sheets.....	15,360	15,254
Compensation of letter carriers, and incidental expenses.....	7,977,514	2,303,718	Postal cards.....	150,056	101,218
Printing facing slips, cards, labels, blanks, etc.....	5,355	.....	Distribution of postal cards.....	7,221	6,900
Wrapping paper.....	49,890	20,000	Registered package tag, and official and dead letter envelopes.....	107,844	69,744
Twine.....	78,034	50,244	Ship, steamboat, and way letters.....	1,212	1,356
Postmarking and canceling stamps.....	33,295	12,000	Engraving, printing, and binding warrants and drafts.....	2,870	1,101
Letter balances, scales, and test weights.....	14,989	6,000	Miscellaneous, third assistant postmaster-general.....	00	.....
Rent, light, and fuel for first and second class post offices.....	588,298	360,364	Advertising.....	17,269	27,742
Rent, light, and fuel for post offices of the third class.....	450,586	.....	Miscellaneous, office of Postmaster-General.....	926	1,485
Stationery for post offices.....	52,291	48,285	Foreign mail transportation.....	503,631	216,481
Miscellaneous, office first assistant postmaster-general, including office furniture.....	105,251	79,151	Balances due foreign countries.....	74,691	20,109
Inland mail transportation—railroads.....	19,280,085	8,500,491	Special delivery.....	141,562	.....
Inland mail transportation—railroads, special facilities, etc.....	202,072	.....	Compensation of postmasters, readjusted under act March 3, 1888.....	16,198	.....
Inland mail transportation—star boats.....	5,344,290	6,902,502	Claim of Gardner B. Hubbard, as railroad commissioner, act March 3, 1885.....	5,324	.....
Inland mail transportation—steam boats.....	445,113	794,149	Furniture for post offices.....	.....	18,026
Transportation by postal cars.....	2,203,680	1,141,545	Compensation of route agents.....	.....	1,116,846
Compensation of railway post office clerks.....	5,566,990	1,367,481	Compensation of mail route messengers.....	.....	174,894
Compensation of mail messengers.....	977,112	671,408	Compensation of local agents.....	.....	110,424
Mail locks and keys.....	8,831	3,767	Post route maps.....	.....	41,916
Mail bags and catches.....	104,635	160,591	Fees to United States marshals, attorneys, clerks of court, and counsel.....	.....	3,712
Repair shops for mail bags, etc.....	0,610	.....	Stamps for Postal Union correspondence.....	.....	1,000
Miscellaneous, second assistant postmaster-general.....	520	.....	Laws and regulations, Post Office Department, 1879.....	.....	916
Mail depositories and post office inspectors.....	102,560	145,355			

a Expenditures on account of premium on bonds paid not included.

TABLE 12.—COMPARATIVE STATEMENT OF TOTAL RECEIPTS AND EXPENDITURES OF THE SOURCES OF RECEIPTS AND OBJECTS

RECEIPTS.

CLASSIFICATION.	Total receipts.	FISCAL YEAR ENDING JUNE 30—		
		1881	1882	1883
	\$10,482,409,510	\$706,472,891	\$805,078,644	\$1,229,681,050
1 Total receipts.....	10,482,409,510	706,472,891	805,078,644	1,229,681,050
2 Balance at beginning of period.....	4,481,471,555	231,910,004	280,607,660	275,450,904
3 Principal of loans.....	2,288,889,910	113,750,534	120,945,724	555,942,563
4 Total ordinary receipts.....	3,712,048,054	380,782,293	403,525,251	308,287,583
5 Ordinary receipts in detail:				
6 Internal revenue.....	1,293,981,507	135,264,386	146,497,505	144,720,360
7 Customs	2,092,600,749	108,150,676	220,410,731	214,706,407
8 Sales of public lands.....	70,911,787	2,201,863	4,753,140	7,955,864
9 Tax on circulation of national banks.....	41,872,416	8,116,116	8,956,704	9,111,000
10 Repayment of interest by Pacific railways.....	9,772,826	810,884	840,555	1,550,897
11 Sinking fund for Pacific railways.....	14,242,400	805,180	798,271	1,322,103
12 Customs fees, fines, penalties, and forfeitures.....	12,152,287	1,533,060	1,623,287	1,436,236
13 Fees, consular and land.....	21,280,787	1,408,876	1,721,004	2,193,189
14 Proceeds, sales of government property except lands.....	3,096,400	202,174	314,900	285,057
15 Profit on coinage of silver dollars.....	60,001,072	3,230,038	3,856,375	3,401,804
16 Profit on other coinage.....	6,950,223	231,548	400,310	1,058,401
17 Revenue, District of Columbia.....	22,050,470	2,016,109	1,715,177	1,970,938
18 Tax on sealskins.....	3,053,493	317,595	316,885	317,295
19 Fees on letters patent.....	10,532,523	776,108	917,807	1,120,173
20 Miscellaneous.....	49,590,094	5,581,731	10,544,221	7,122,781

EXPENDITURES.

20 Total expenditures.....	10,482,409,510	706,472,891	805,078,644	1,229,681,050
21 Balance at end of period.....	4,041,058,895	280,607,660	275,450,004	374,189,082
22 Principal of loans.....	2,857,170,078	105,152,334	271,646,302	590,083,632
23 Premium on bonds purchased.....	40,928,877	1,061,248	.....	.....
24 Total ordinary expenditures.....	2,637,251,860	250,651,040	257,981,438	205,408,136
25 Ordinary expenditures in detail:				
26 Congress.....	60,179,108	5,082,046	5,542,082	5,078,261
27 Executive Department.....	102,734,880	6,878,443	7,252,821	10,025,775
28 Judiciary.....	40,878,076	4,347,531	3,596,850	4,366,900
29 Foreign intercourse.....	25,007,384	1,003,955	1,307,583	2,410,275
30 Improving harbors and rivers.....	94,132,906	8,518,074	11,412,921	13,630,381
31 Other expenses of military establishment.....	321,341,087	31,918,387	32,157,573	35,272,001
32 Constructing new war vessels.....	21,142,856	.....	.....	76,400
33 Other expenses of naval establishment.....	147,533,448	15,680,072	15,032,046	15,206,917
34 Indians	68,785,296	6,514,161	9,730,747	7,302,500
35 Pensions	702,232,652	50,050,280	61,345,194	66,012,674
36 Construction of public buildings, including sites.....	30,883,103	3,480,440	3,035,795	4,264,628
37 District of Columbia.....	41,750,225	3,090,850	3,455,132	3,047,459
38 Interest on public debt.....	538,848,213	82,508,741	71,077,207	59,160,131
Miscellaneous, including deficiency in postal revenue.	432,711,700	39,833,445	33,088,581	37,675,724

WEALTH, DEBT, AND TAXATION.

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NATIONAL GOVERNMENT, EXCLUSIVE OF POSTAL SERVICE, BY CLASSIFICATION OF EXPENDITURES: 1880 TO 1890.

RECEIPTS.

FISCAL YEAR ENDING JUNE 30—						
1884	1885	1886	1887	1888	1889	1890
\$929,588,338	\$903,828,412	\$974,548,002	\$1,052,602,083	\$1,177,133,659	\$1,201,610,500	\$1,321,774,481
374,189,082	424,041,403	521,704,026	526,848,755	512,851,434	650,449,100	673,399,118
200,877,886	245,190,303	310,314,850	154,440,000	285,016,150	245,111,350	245,299,050
348,521,370	323,690,706	330,439,726	371,408,278	370,266,075	387,050,050	403,081,713
121,586,073	112,498,720	110,805,086	118,823,391	124,290,872	130,881,513	142,606,706
195,087,490	181,471,030	192,005,023	217,286,893	219,091,174	223,832,742	229,068,584
9,810,705	5,705,086	5,630,800	8,251,286	11,202,020	8,038,652	6,358,272
8,108,730	2,914,222	2,683,714	2,386,851	1,748,500	1,530,087	1,301,327
1,371,363	1,008,072	979,180	914,793	681,097	603,705	705,601
2,045,776	2,470,708	1,007,905	1,304,436	1,170,381	1,921,125	1,842,505
1,074,665	907,404	1,014,784	1,053,038	1,087,448	1,113,021	1,200,325
2,584,826	2,658,010	2,203,900	2,140,081	2,287,205	2,233,549	1,709,071
540,634	302,883	268,390	202,832	365,877	295,530	192,123
3,235,144	5,320,121	5,761,348	8,302,437	8,352,207	9,350,281	9,385,417
1,015,405	722,164	153,272	626,816	1,035,427	814,084	881,828
1,970,720	1,920,298	2,105,831	2,367,869	2,850,350	2,523,051	2,800,131
251,875	317,400	317,400	317,453	317,500	317,500	202,600
604,112	1,056,097	1,179,570	1,151,068	1,166,154	1,144,514	1,347,921
4,187,780	9,792,110	8,632,276	5,141,535	8,823,157	8,042,845	2,071,552

EXPENDITURES.

929,588,338	903,828,412	974,548,002	1,052,602,083	1,177,133,659	1,201,610,500	1,321,774,481	20
424,041,403	521,704,026	526,848,755	512,851,434	650,449,100	673,399,118	601,527,404	21
200,520,091	211,700,353	205,210,710	271,001,320	249,759,758	318,922,412	312,206,366	22
244,120,244	260,274,033	242,483,137	287,040,179	8,270,842	17,292,903	20,304,224	23
6,210,520	6,128,176	5,925,727	5,806,724	5,802,116	7,015,585	6,408,052	25
10,615,024	12,073,264	10,761,454	10,704,410	10,889,470	12,242,428	11,203,361	26
3,507,618	3,945,001	3,709,042	3,070,084	4,581,820	4,403,323	4,340,002	27
1,260,706	5,430,609	1,332,321	7,104,400	1,503,462	1,807,020	1,648,277	28
8,228,704	10,611,202	4,080,193	7,782,748	7,004,348	11,208,297	11,737,438	29
31,200,000	32,159,377	30,234,950	30,778,278	31,518,088	33,226,074	32,845,400	30
1,794,508	1,023,808	660,538	606,315	3,318,290	5,630,954	6,831,803	31
15,498,004	14,087,211	12,047,350	14,584,812	13,008,148	15,747,855	15,174,403	32
6,476,000	6,552,405	6,099,168	6,194,523	6,240,308	6,892,208	6,708,047	33
55,420,228	56,102,207	68,404,804	75,029,102	80,288,609	87,024,779	106,936,855	34
3,823,179	3,801,426	8,304,112	4,004,620	4,877,550	5,823,384	4,377,950	35
3,261,802	3,988,800	3,826,080	4,365,897	4,278,113	5,248,070	5,077,420	36
54,578,378	51,386,258	50,680,140	47,741,677	44,715,007	41,001,484	36,090,284	37
42,231,025	52,104,380	46,213,887	40,127,560	41,345,721	44,473,080	47,558,005	38

TABLE 13.—RECEIPTS AND EXPENDITURES OF STATE AND RECEIPTS.

	STATES AND TERRITORIES.	Total.	State.	Counties reported in detail.	Municipalities having 50,000 or more population and reported in detail.	Municipalities having less than 50,000 but 4,000 or more population and reported in detail.	Additional estimated for public common schools and places not reported in detail.
1	The United States..	\$584,835,520	\$110,157,640	\$80,176,436	\$181,800,083	\$61,670,758	a\$144,970,000
2	North Atlantic division.	233,300,873	41,400,604	20,101,574	108,510,030	30,762,864	32,473,811
3	Maine.....	6,685,638	1,590,888	458,750	.....	2,008,220	1,787,701
4	New Hampshire.....	4,444,066	1,365,420	478,537	.....	1,470,103	1,130,000
5	Vermont.....	2,355,443	522,508	11,293	.....	284,592	1,537,050
6	Massachusetts.....	47,008,124	9,000,333	1,644,402	18,978,020	12,914,369	3,805,000
7	Rhode Island.....	5,457,040	1,096,058	(b)	2,270,900	1,590,901	500,000
8	Connecticut.....	8,710,013	2,305,181	119,782	2,085,215	1,641,535	2,475,000
9	New York.....	91,177,330	18,110,505	8,291,385	58,112,876	5,228,483	6,425,000
10	New Jersey.....	17,604,788	3,933,708	3,122,917	6,992,613	2,255,550	1,300,000
11	Pennsylvania.....	49,859,813	7,831,037	5,074,558	20,071,216	2,409,102	13,514,000
12	South Atlantic division.	40,838,457	14,093,923	4,621,052	9,148,487	4,380,105	8,586,400
13	Delaware.....	1,215,719	230,681	48,665	514,752	9,621	403,000
14	Maryland.....	10,008,371	2,045,469	1,387,705	5,970,295	141,002	518,000
15	Dist. of Columbia.....	62,710,250	2,710,250	(b)	.....	.....	.....
16	Virginia.....	7,084,444	2,705,337	556,216	1,000,808	1,407,023	3,355,000
17	West Virginia.....	3,733,240	1,196,244	684,184	.....	287,812	1,505,000
18	North Carolina.....	2,999,036	1,203,092	323,767	.....	409,177	1,063,000
19	South Carolina.....	3,357,000	1,136,554	649,853	700,015	96,578	405,000
20	Georgia.....	7,339,548	2,146,694	453,217	953,557	1,746,080	2,040,000
21	Florida.....	2,390,840	700,903	287,445	.....	231,902	1,181,500
22	North Central division.	214,470,212	32,200,765	40,026,834	52,164,951	10,412,220	73,614,442
23	Ohio.....	41,042,205	5,840,854	8,461,204	11,606,624	8,000,523	12,065,000
24	Indiana.....	17,941,600	3,360,870	7,505,318	1,127,983	1,430,717	4,510,706
25	Illinois.....	34,184,118	3,046,185	2,187,530	15,310,536	2,028,861	10,075,000
26	Michigan.....	17,809,821	3,059,576	2,207,596	3,707,019	2,244,030	6,621,000
27	Wisconsin.....	10,020,483	2,021,632	1,530,009	2,705,466	2,467,476	6,615,000
28	Minnesota.....	18,703,100	3,737,604	4,088,241	0,780,950	1,027,805	2,514,500
29	Iowa.....	17,288,934	1,073,254	3,076,980	315,403	1,871,297	8,853,000
30	Missouri.....	21,524,058	3,471,748	8,401,043	8,442,438	470,220	5,738,000
31	North Dakota.....	2,540,003	.....	490,752	.....	92,005	1,950,730
32	South Dakota.....	3,206,033	241,017	625,872	.....	133,544	2,295,000
33	Nebraska.....	10,454,848	2,210,496	2,062,824	2,000,532	70,486	8,495,500
34	Kansas.....	13,675,910	2,078,923	2,729,040	.....	1,502,047	7,205,000
35	South Central division.	45,151,678	10,018,096	4,170,804	6,026,295	4,532,543	14,404,880
36	Kentucky.....	8,596,983	3,830,290	300,708	1,610,747	601,238	1,795,000
37	Tennessee.....	6,295,918	1,595,008	402,510	1,478,645	404,249	2,355,000
38	Alabama.....	4,500,064	1,602,905	451,479	.....	772,445	1,073,835
39	Mississippi.....	3,552,845	1,151,055	351,255	.....	200,535	1,790,000
40	Louisiana.....	5,964,405	2,001,857	277,059	2,930,003	130,886	522,000
41	Texas.....	13,004,606	5,003,437	1,000,892	.....	1,809,277	4,225,000
42	Arkansas.....	3,286,257	738,044	270,356	.....	187,913	2,044,045
43	Western division.....	51,056,306	12,324,762	11,250,112	6,010,420	5,573,936	15,801,076
44	Montana.....	2,777,450	311,000	1,282,888	.....	244,562	630,000
45	Wyoming.....	806,599	2,134,920	328,770	.....	20,800	322,100
46	Colorado.....	7,921,009	1,817,409	1,011,034	.....	260,966	4,431,000
47	New Mexico.....	383,768	305,000	80,768	.....	.....	30,000
48	Arizona.....	6,880,543	.....	215,710	.....	20,057	644,776
49	Utah.....	2,304,485	223,412	297,416	.....	030,057	843,700
50	Nevada.....	1,048,073	387,030	550,243	.....	.....	110,200
51	Idaho.....	762,088	95,400	190,368	.....	.....	407,300
52	Washington.....	6,007,020	346,885	1,510,728	.....	1,457,907	2,086,000
53	Oregon.....	3,727,516	707,124	407,700	.....	512,092	2,100,000
54	California.....	24,437,780	8,496,482	4,505,883	6,010,420	2,110,095	3,308,000

a Includes the receipts for schools derived from all sources and known to be more than \$75,000,000, though the precise amount can not be stated.

b Has no county financial system.

c Exclusive of the amount received from the United States Treasury.

d Approximated from state auditor's report for 1891.

e No detailed report received; general expenses of territorial government paid by the United States.

LOCAL GOVERNMENTS, BY STATES AND TERRITORIES: 1890.

EXPENDITURES.

Total.	State.	Counties reported in detail.	Municipalities having 50,000 or more population and reported in detail, except for public schools.	Municipalities having less than 50,000 but 4,000 or more population and reported in detail, except for public schools.	Schooldistricts or other divisions in charge of public common schools.	Additional estimated for places not reported in detail.	Total expenditures of state and local governments per capita.
\$560,252,634	\$77,105,911	\$8,470,220	\$155,350,212	\$57,442,844	a\$139,085,537	\$71,802,010	\$9.09 1
224,256,890	27,118,933	20,752,551	80,920,288	25,020,916	47,625,548	18,510,254	12.80 2
5,780,108	1,012,308	434,627	.....	2,145,211	1,114,902	1,073,000	8.74 3
3,582,704	445,306	570,887	.....	1,387,057	814,304	369,000	9.52 4
2,152,317	401,005	9,002	.....	231,046	689,917	810,787	6.47 5
46,486,002	6,027,407	1,020,305	10,063,066	10,430,072	8,286,002	3,450,000	20.76 6
5,699,999	780,559	(b)	1,967,016	1,544,834	917,000	500,000	16.50 7
8,488,362	1,805,132	184,766	1,625,987	1,700,251	2,123,339	922,407	11.37 8
91,232,042	9,520,564	8,923,007	48,720,695	4,343,602	17,302,274	2,326,000	15.21 9
15,244,819	1,561,204	2,528,204	4,006,361	1,704,405	3,457,525	1,085,000	10.55 10
45,589,097	5,512,128	6,474,703	15,430,983	2,308,478	12,828,045	2,075,000	8.67 11
42,586,702	12,047,224	8,837,345	8,303,300	4,500,443	8,630,711	5,207,670	4.81 12
1,004,603	112,025	40,404	308,581	4,034	320,008	174,521	0.32 13
10,091,521	1,100,722	1,108,030	5,243,888	112,601	1,910,603	405,548	0.68 14
5,042,002	4,135,878	(b)	1,441,508	1,674,373	1,577,347	707,418	21.88 15
7,451,365	1,807,030	403,023	271,334	1,281,301	840,000	4.50 16	
8,550,973	513,717	610,031	499,141	718,225	604,978	4.06 17	
8,223,703	1,052,045	258,416	624,544	94,281	400,200	1.99 18	
3,098,082	1,105,527	78,120	894,788	1,720,717	136,000	2.69 19	
7,031,260	1,531,600	309,475	.....	907,500	1,517,000	3.83 20	
2,032,593	507,084	152,247	.....	223,952	470,503	612,207	5.10 21
209,885,407	20,040,772	31,455,581	47,510,270	10,214,506	82,815,531	31,230,711	0.39 22
40,325,610	3,427,700	6,700,574	10,086,005	8,352,010	10,755,240	5,305,000	10.98 23
18,260,426	2,305,120	6,320,595	1,007,071	1,297,417	5,000,233	1,410,000	8.33 24
33,715,078	2,064,452	1,870,303	12,045,391	1,915,343	11,298,520	3,025,000	8.81 25
17,415,454	2,260,202	1,858,450	3,022,208	1,900,028	5,410,416	2,250,000	8.32 26
14,887,000	1,700,002	1,416,067	2,301,607	1,002,478	9,711,280	8,785,000	8.83 27
18,550,150	2,237,210	2,202,245	7,779,250	1,277,790	4,033,616	1,029,121	14.26 28
16,285,305	1,420,608	2,634,245	304,631	1,828,505	6,477,258	3,000,000	8.52 29
21,011,200	1,000,302	2,006,010	7,039,302	437,477	5,128,280	3,410,000	7.84 30
2,092,240	485,627	.....	.....	82,083	626,040	1,407,500	14.73 31
3,240,705	267,462	637,983	.....	116,513	1,173,757	1,155,000	0.86 32
9,778,908	1,050,107	2,224,241	1,053,571	80,930	3,301,110	1,400,000	0.23 33
13,714,175	1,318,879	2,292,382	.....	1,045,947	4,972,007	3,234,000	9.61 34
43,070,810	10,056,200	4,110,026	4,080,400	4,762,121	9,800,449	10,470,424	4.03 35
8,388,500	2,372,184	322,850	1,428,200	777,432	2,020,552	1,401,213	4.51 36
6,304,411	1,376,001	482,529	1,350,795	353,775	1,300,351	1,500,000	3.60 37
4,094,423	1,003,770	405,253	.....	979,974	547,880	1,937,540	3.30 38
3,302,561	500,150	282,057	.....	204,005	1,097,910	1,271,227	2.61 39
5,412,765	1,872,440	250,585	1,010,315	98,460	704,686	578,343	4.84 40
12,536,788	2,485,303	2,111,870	.....	2,160,468	3,173,104	2,597,034	5.01 41
2,910,862	340,464	263,804	.....	180,407	1,019,000	1,104,067	2.50 42
48,547,190	7,234,202	8,314,117	5,623,870	6,035,768	10,124,208	11,314,851	16.03 43
2,724,073	355,500	1,058,454	.....	103,036	364,083	753,000	20.01 44
747,920	695,030	255,372	.....	17,000	152,918	277,000	13.14 45
6,340,025	937,032	1,314,810	.....	270,904	1,081,370	2,138,000	15.40 46
576,632	143,730	50,057	.....	.....	79,186	302,039	3.75 47
997,575	.....	165,093	17,068	177,484	647,000	16,73 48	
2,254,128	332,065	201,530	.....	1,044,336	394,677	101,500	10.84 49
1,047,368	300,538	382,233	.....	.....	162,507	136,000	22.80 50
690,367	90,424	177,025	.....	.....	168,318	245,000	8.18 51
5,064,845	504,000	1,303,012	.....	2,093,034	944,190	1,110,000	17.04 52
3,475,705	407,076	304,827	.....	473,433	880,360	1,320,000	11.08 53
23,070,058	8,091,708	2,020,584	6,623,870	1,920,027	5,110,007	4,194,412	19.00 54

^a Amount expended for colleges, academies, normal schools, and other educational purposes not included.^b Has no county financial system.^c Approximated from state auditor's report for 1891.

TABLE 14.—RECEIPTS AND EXPENDITURES OF STATE AND LOCAL GOVERNMENTS,
BY STATES AND RECEIPTS.

	STATES AND TERRORIES.	Total.	Ad valorem taxes on real and personal property.	CORPORATIONS SEPARATELY REPORTED.			Liquor licenses.
				Banks and bankers.	Railroads.	Other.	
1	The United States.....	\$584,835,526	\$443,090,574	\$3,153,135	\$9,026,547	\$8,758,184	\$24,786,406
2	North Atlantic division.....	233,309,873	175,284,126	2,885,780	5,512,672	7,011,408	8,560,026
3	Maine.....	6,085,638	5,004,809	205,812	99,003	50,190	.....
4	New Hampshire.....	4,444,066	3,304,579	577,386	240,000	33,691	.....
5	Vermont.....	2,355,443	1,927,054	85,308	126,890	60,832	377
6	Massachusetts.....	47,008,124	30,048,283	957,520	1,487,127	2,861,330	2,502,226
7	Rhode Island.....	5,457,049	3,800,612	150,582	.....	94,434	444,849
8	Connecticut.....	8,710,613	5,610,177	246,800	772,679	473,671	478,101
9	New York.....	91,177,389	75,788,604	20,903	81,400	1,578,192	2,500,027
10	New Jersey.....	17,604,788	12,633,824	750	1,275,774	271,677	872,873
11	Pennsylvania.....	49,850,013	36,111,124	641,569	1,419,800	1,584,481	1,703,373
12	South Atlantic division	40,838,457	30,967,870	35,002	843,815	345,651	1,316,088
13	Delaware.....	1,215,719	902,053	.....	60,125	2,183	28
14	Maryland.....	10,008,371	7,932,096	.....	58,973	173,371	249,025
15	District of Columbia.....	62,710,259	2,352,012	.....	.....	95,470	.....
16	Virginia.....	7,084,444	5,075,050	33,187	146,683	40,710	323,906
17	West Virginia.....	3,733,240	3,046,020	.....	202,435	31,745	110,585
18	North Carolina.....	2,900,030	2,161,180	2,505	142,625	33,559	76,887
19	South Carolina.....	8,357,000	2,571,004	.....	.....	68,341	.....
20	Georgia.....	7,330,548	5,098,066	.....	104,004	58,074	343,482
21	Florida.....	2,300,840	1,838,102	.....	.....	.....	18,050
22	North Central division.....	214,470,212	165,405,350	.....	2,804,928	1,003,210	10,824,830
23	Ohio.....	41,042,205	33,208,467	.....	.....	35,955	2,200,742
24	Indiana.....	17,941,600	14,861,027	.....	.....	91,384	950,815
25	Illinois.....	34,184,118	22,728,504	6108,730	712,310	234,862	2,803,378
26	Michigan.....	17,809,821	13,943,031	.....	949,001	110,580	1,553,112
27	Wisconsin.....	16,020,483	12,540,180	.....	702,368	180,560	610,610
28	Minnesota.....	18,705,190	12,607,418	.....	.....	830,980	.....
29	Iowa.....	17,288,034	14,881,050	.....	6,780	63,974	31
30	Missouri.....	21,524,058	16,052,641	.....	.....	184,368	1,704,223
31	North Dakota.....	2,540,093	1,779,707	85,730	14,361	27,652	.....
32	South Dakota.....	3,200,033	2,814,242	.....	.....	15,400	87,100
33	Nebraska.....	10,454,848	7,980,822	.....	.....	830,500	.....
34	Kansas.....	13,575,919	12,000,715	.....	.....	35,767	30,600
35	South Central division	45,151,078	33,142,442	216,354	412,693	294,600	1,570,744
36	Kentucky.....	8,590,983	6,142,720	204,406	168,023	157,522	145,190
37	Tennessee.....	6,295,018	4,658,127	11,858	68,700	73,892	345,474
38	Alabama.....	4,500,664	2,908,352	.....	12,555	14,820	424,180
39	Mississippi.....	3,552,845	2,531,026	.....	152,473	.....	287,275
40	Louisiana.....	5,904,405	4,057,172	.....	.....	40,000	31,039
41	Texas.....	13,004,006	9,070,027	.....	10,033	.....	160,681
42	Arkansas.....	3,230,257	2,534,412	.....	.....	8,456	223,606
43	Western division.....	51,056,806	38,346,780	15,300	202,409	103,126	2,400,213
44	Montana.....	2,777,450	1,985,050	.....	.....	12,000	425,532
45	Wyoming.....	800,599	749,419	.....	.....	.....	27,075
46	Colorado.....	7,921,009	6,118,158	.....	.....	96,290	565,240
47	New Mexico.....	389,763	324,065	.....	.....	.....	20,024
48	Arizona.....	880,543	751,951	.....	.....	.....	103,025
49	Utah.....	2,304,485	1,425,187	.....	.....	.....	213,104
50	Nevada.....	1,048,073	711,305	.....	.....	17,150	51,053
51	Idaho.....	702,068	580,502	.....	.....	.....	21,834
52	Washington.....	6,007,020	4,802,106	.....	.....	.....	219,848
53	Oregon.....	3,727,516	2,846,560	.....	.....	.....	77,382
54	California.....	24,437,780	18,052,217	15,300	202,400	37,680	774,087

a Exclusive of the amount received from the United States Treasury.

WEALTH, DEBT, AND TAXATION.

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CLASSIFIED BY SOURCES OF RECEIPTS AND OBJECTS OF EXPENDITURES,
TERRITORIES: 1890.

RECEIPTS.

Licenses other than liquor.	Penal and reformatory insti- tutions.	Incomes from funds and in- vestments.	Water- works and other en- terprises. (Net.)	Sale of property.	Fees, fines, and penalties.	SPECIAL ASSESSMENTS.		Interest on deposits.	Reimburse- ments and miscella- neous.	1	
						Streets and bridges.	Sewers.				
\$11,144,338	\$3,154,520	\$14,546,352	\$5,635,408	\$3,071,732	\$7,253,370	\$13,196,091	\$8,254,978	\$936,050	\$27,870,245	1	
2,764,080	858,525	5,150,714	3,071,110	370,536	2,441,356	5,858,077	1,339,502	698,550	11,543,712	2	
13,202	145,181	28,750	1,021	85,597	20,612	13,508	1,461	834,574	3		
5,612	88,887	35,403	526	55,351	4,241	7,931	401	130,065	4		
5,304	14,570	16,820	17,429	1,191	1,722	14,080	6,527	280	76,282	5	
274,648	275,820	2,105,948	770,888	91,404	700,807	260,684	251,030	273,602	3,168,702	6	
85,278	44,406	231,818	98,282	2,184	43,010	70,916	28,022	40,695	289,771	7	
36,690	170,021	129,771	280	54,445	101,034	70,610	1,200	555,138	8		
833,337	459,330	1,245,084	64,021	141,240	654,422	4,590,742	410,215	357,012	1,788,511	9	
150,003	64,800	386,364	105,744	72,241	92,874	260,335	332,072	6,082	1,009,375	10	
1,350,016	800,082	1,220,822	50,540	697,038	520,438	213,517	7,224	8,630,304	11		
2,247,500	843,130	1,533,751	681,286	184,097	400,287	371,033	135,771	40,858	1,410,031	12	
110,045	55,263	40,059	256	11,255	241,759	-----	-----	-----	18,552	13	
283,010	816,831	10,731	6,428	23,173	-----	-----	-----	33,341	213,074	14	
80,508	45,410	45,410	-----	40,003	-----	-----	-----	33,341	70,966	15	
682,458	16,682	167,170	183,843	3,068	94,323	16,966	3,500	317,230	317,230	16	
45,410	65,186	49,497	8,170	44,010	20	-----	-----	4,877	76,138	17	
97,054	218,000	175,420	-----	23,016	31,118	-----	-----	4,877	41,731	18	
373,804	82,530	29,205	6,023	7,709	90,752	781	-----	181,953	135,182	19	
372,052	25,000	25,360	325,123	110,773	90,084	111,507	300	2,488	480,973	20	
192,419	210,307	-----	25,077	28,570	-----	-----	162	162	47,185	21	
2,307,324	771,443	5,710,010	1,588,817	1,395,078	2,288,723	4,034,061	6,208,704	230,558	0,160,558	22	
194,787	218,795	705,542	369,498	63,106	322,575	1,285,750	330,648	57,854	1,940,306	23	
146,041	212,637	1,230,994	172	51,565	60,681	22,724	212,110	16,142	309,808	24	
615,847	447,376	26,420	10,025	241,884	100,764	4,078,888	175	1,089,527	25		
44,085	114,781	233,714	97,076	80,984	323,828	104,064	87,193	410,281	26		
122,116	104,056	90,020	134,907	124,483	284,212	252,001	31,030	505,280	27		
65,718	33,641	752,862	811,526	356,887	217,378	1,528,908	8,076	8,076	802,505	28	
175,880	15,011	376,888	3,842	85,466	271,425	240,048	237,204	278	1,115,023	29	
803,290	186,925	427,085	636,168	8,728	327,756	328,270	278	62,636	753,363	30	
3,902	100,431	6,586	186,646	186,646	97,933	2,871	-----	244,025	31		
2,021	103,054	-----	26,737	150,140	10,142	-----	-----	128,170	32		
32,102	622,000	-----	397,774	76,246	423,221	101,254	50,200	641,170	33		
41,370	105,584	603,810	6,865	1,072	293,238	77,516	17,168	242,986	34		
2,545,643	925,781	1,403,705	245,777	284,985	798,379	110,047	35,052	15,257	8,053,270	35	
401,267	10,852	65,115	17,676	2,187	77,574	27,804	6,482	11,074	1,158,035	36	
502,882	100,710	50,115	44,750	4,220	102,120	8,340	20	3,902	224,870	37	
293,084	81,800	22,080	2,402	40,737	242,008	32,614	-----	281	355,713	38	
240,053	53,530	-----	55,127	11,564	-----	-----	-----	202,197	39		
673,853	17,181	77,083	167,170	77,051	82,200	-----	-----	210,066	40		
267,344	976,270	1,213,824	13,719	89,708	206,085	23,281	107	713,037	41		
68,210	99,908	4,140	56,005	126,138	18,848	28,353	-----	126,052	42		
1,270,125	255,641	658,163	73,418	835,580	1,324,025	2,222,873	445,040	1,433	2,702,605	43	
11,981	49,387	-----	723	45,006	48,504	-----	-----	198,208	44		
1,005	6,044	-----	1,478	10,972	-----	-----	-----	9,700	45		
117,005	25,000	133,281	1,000	270,000	44,049	23,371	1,054	678,330	46		
32,000	4,400	-----	2,050	2,050	-----	-----	-----	624	47		
7,504	8,307	-----	134	3,850	-----	-----	-----	10,581	48		
185,558	18,423	1,077	1,473	37,216	108,100	53	114	316,084	49		
50,245	43,325	-----	48,035	28,443	-----	-----	-----	83,155	50		
62,703	6,263	-----	517	15,364	225	-----	-----	75,080	51		
96,302	84,700	-----	6,890	102,543	416,093	80,207	-----	248,531	52		
100,748	10,123	124,078	223,108	18,575	99,703	71,895	162	146,623	53		
603,034	206,152	235,275	71,341	277,002	1,015,011	1,528,721	292,080	1,167	1,036,744	54	

^b Illinois Central Railroad only included.

TABLE 14.—RECEIPTS AND EXPENDITURES OF STATE AND LOCAL GOVERNMENTS,
BY STATES AND
EXPENDITURES.

	STATES AND TERRITORIES.	Total.	Legislative.	Executive.	Judicial, including county courts, inquiries, and inquests.	Military.	Educational purposes, including public common schools.	Charities and gratuities.	Interest.
1	The United States.	\$69,252,634	\$3,987,774	\$5,470,940	\$18,721,383	\$2,602,211	\$145,633,115	\$39,058,810	\$40,640,130
2	North Atlantic division.	224,250,890	1,700,187	2,008,705	4,054,206	1,630,537	40,331,060	10,003,071	20,298,163
3	Maine.....	5,730,108	21,857	61,774	104,206	30,176	1,205,372	358,552	808,663
4	New Hampshire.....	3,632,704	48,288	54,397	105,780	30,650	838,744	520,185	379,865
5	Vermont.....	2,152,317	43,849	14,893	104,082	25,616	742,751	152,190	245,464
6	Massachusetts.....	40,486,602	314,717	316,924	605,432	204,428	8,527,656	3,917,276	4,086,514
7	Rhode Island.....	5,639,999	23,384	31,277	113,877	28,532	668,375	128,453	477,220
8	Connecticut.....	8,488,302	62,500	123,092	316,295	114,384	2,106,210	660,308	729,933
9	New York.....	91,232,042	450,589	615,631	1,240,886	669,056	18,498,164	7,503,631	6,254,717
10	New Jersey.....	15,244,810	84,300	110,040	582,398	124,773	3,543,332	1,055,966	2,458,806
11	Pennsylvania.....	45,589,937	644,613	620,098	1,302,271	402,022	13,370,450	2,660,431	3,896,981
12	South Atlantic division.	42,580,702	408,784	643,240	1,054,071	130,862	9,292,742	3,120,810	6,081,478
13	Delaware.....	1,004,663	14,730	11,444	30,437	17,988	331,011	35,649	120,320
14	Maryland.....	10,091,521	56,160	47,800	273,076	48,710	2,012,868	553,423	1,573,693
15	Dist. of Columbia.....	5,042,002	160,574	18,700	12,368	606,124	248,583	918,308	
16	Virginia.....	7,451,305	38,742	131,275	305,307	9,614	1,810,214	607,319	1,548,066
17	West Virginia.....	3,550,073	27,745	38,561	138,247	-----	1,372,101	261,378	71,860
18	North Carolina.....	3,223,703	29,976	30,031	190,051	14,142	758,392	372,785	438,196
19	South Carolina.....	3,008,082	41,440	97,448	227,208	10,950	505,755	282,095	708,527
20	Georgia.....	7,031,260	152,160	69,746	141,212	7,015	1,016,356	637,234	1,093,060
21	Florida.....	2,032,603	47,816	46,768	263,077	4,066	514,022	130,450	138,888
22	North Central division.	209,885,467	1,149,941	1,424,180	0,305,140	601,728	65,428,291	13,457,510	12,175,319
23	Ohio.....	40,325,016	127,103	102,420	1,152,370	154,810	11,060,254	3,312,657	1,789,082
24	Indiana.....	18,260,426	62,403	66,807	723,075	30,628	6,191,000	1,455,685	868,476
25	Illinois.....	33,715,078	177,171	183,580	775,600	163,002	11,416,703	2,138,562	772,088
26	Michigan.....	17,415,454	148,503	156,546	330,229	69,600	5,905,330	1,113,841	552,436
27	Wisconsin.....	14,837,090	109,139	117,410	407,183	60,492	4,098,331	1,002,988	436,522
28	Minnesota.....	18,559,150	76,472	107,115	403,181	30,518	4,343,504	863,557	1,310,940
29	Iowa.....	16,286,305	64,051	112,304	804,800	34,001	6,570,063	1,250,040	485,976
30	Missouri.....	21,011,260	185,730	230,748	886,870	3,851	5,237,362	1,006,023	2,265,053
31	North Dakota.....	2,602,240	20,820	62,240	126,682	12,347	683,120	252,140	505,015
32	South Dakota.....	3,240,705	41,235	23,537	61,702	2,010	1,241,372	131,037	36,017
33	Nebraska.....	9,778,088	84,314	110,070	202,608	3,004	3,542,005	209,207	857,804
34	Kansas.....	13,714,175	84,000	150,273	429,885	15,850	5,127,033	509,020	2,293,711
35	South Central division.	43,970,319	340,500	832,011	4,000,288	90,951	10,813,427	2,940,734	5,410,001
36	Kentucky.....	8,388,500	60,703	213,891	982,432	11,888	2,088,165	938,427	1,077,770
37	Tennessee.....	6,304,411	48,830	45,345	772,351	2,840	1,324,411	437,810	1,083,280
38	Alabama.....	4,094,423	40,480	46,117	380,858	25,000	613,502	239,410	1,239,674
39	Mississippi.....	3,302,501	38,727	83,457	110,058	-----	1,189,385	247,733	291,540
40	Louisiana.....	5,412,705	32,343	113,206	560,607	5,900	754,728	210,850	1,086,059
41	Texas.....	12,530,788	54,270	258,053	708,936	51,227	3,307,320	657,094	680,942
42	Arkansas.....	2,916,802	47,192	71,942	484,086	-----	1,035,820	223,801	44,730
43	Western division.....	48,547,106	388,302	508,848	2,101,078	232,133	10,717,580	3,458,670	2,083,578
44	Montana.....	2,724,073	55,000	41,000	134,030	10,000	304,083	193,414	142,708
45	Wyoming.....	707,020	4,138	30,228	48,910	1,521	155,001	43,056	74,590
46	Colorado.....	6,349,025	81,140	206,169	414,706	25,867	1,804,060	312,064	355,510
47	New Mexico.....	576,532	8,182	31,620	28,288	746	93,808	15,527	168,871
48	Arizona.....	997,575	-----	240,435	-----	177,484	8,104	178,860	
49	Utah.....	2,254,128	3,430	20,246	90,813	-----	477,002	87,400	52,954
50	Nevada.....	1,047,908	25,837	44,521	53,015	8,906	170,200	124,405	31,021
51	Idaho.....	690,367	14,045	4,054	42,298	90	189,931	53,053	60,851
52	Washington.....	5,954,845	86,271	87,404	948,000	-----	1,001,287	201,986	103,059
53	Oregon.....	3,475,705	20,232	9,506	177,016	8,390	903,338	134,804	89,731
54	California.....	23,070,658	94,412	188,091	520,602	176,523	5,393,106	2,223,533	831,434

WEALTH, DEBT, AND TAXATION.

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CLASSIFIED BY SOURCES OF RECEIPTS AND OBJECTS OF EXPENDITURES,
TERRITORIES: 1890—Continued.

EXPENDITURES.

Penal and reformatory.	Water-works and other enterprises. (Net.)	Salaries (separately reported), fees, and commissions.	Buildings, works, and sites, including care and maintenance.	Roads, sewers, ditches, bridges, and public parks and places.	Police.	Fire.	Health.	Lighting.	Miscellaneous.		
\$12,381,425	\$5,517,193	\$37,552,055	\$52,463,197	\$75,224,720	\$23,034,370	\$16,423,820	\$3,280,204	\$11,303,780	\$8,041,700	1	
4,602,714	3,486,475	14,850,203	24,439,032	26,204,028	13,843,863	7,889,847	1,068,078	5,687,207	24,490,055	2	
122,042	12,234	272,551	308,207	981,981	100,621	143,031	12,772	83,348	1,002,121	3	
42,380	.....	125,521	337,061	430,008	94,059	138,442	5,076	102,890	319,340	4
43,141	303	157,151	54,034	177,073	8,607	27,260	835	10,801	334,508	5	
1,097,812	518,325	2,171,380	5,053,074	6,979,568	2,356,045	2,084,825	884,679	1,410,074	4,337,273	6	
202,067	10,435	235,380	920,460	1,176,674	363,833	252,034	29,198	237,405	490,487	7	
334,057	78,568	225,035	271,050	1,090,140	275,261	292,118	20,068	197,724	1,500,054	8	
1,441,705	2,767,821	7,365,705	12,088,980	8,877,583	7,200,617	3,178,187	501,377	2,448,083	9,273,360	9	
429,074	46,257	576,057	411,437	1,533,569	890,010	428,500	55,048	330,004	2,573,549	10	
888,330	62,532	3,737,474	3,492,917	9,490,238	2,545,114	1,343,901	158,430	857,812	4,050,354	11	
1,229,304	550,000	1,008,238	1,082,004	6,520,580	2,078,680	857,512	418,576	727,202	4,563,053	12	
690	.....	19,314	4,400	242,004	44,408	24,533	10,468	27,750	90,152	13
121,764	482,002	583,126	435,552	1,276,905	790,088	265,900	97,717	333,536	1,130,072	14	
74,970	.....	30,000	1,005,018	400,000	150,442	47,530	.....	.....	38,711	15
68,367	48,771	310,790	501,007	770,281	254,019	140,110	51,742	108,067	605,601	16	
138,522	1,460	205,652	181,819	613,214	31,103	80,100	7,709	25,614	405,672	17	
276,300	16,400	86,730	10,025	310,712	38,044	33,795	10,814	26,360	563,211	18	
157,528	.....	133,721	104,044	237,412	84,161	48,998	10,420	34,897	281,224	19
348,975	10,263	388,516	871,011	652,924	332,707	229,368	157,080	158,360	905,533	20	
42,110	14	157,389	34,057	141,620	42,110	28,287	10,000	12,723	408,782	21	
3,358,020	1,103,301	18,080,323	22,002,454	20,247,620	5,868,003	5,229,020	755,002	3,054,125	24,054,550	22	
554,273	201,021	2,047,620	5,168,075	7,080,231	1,280,240	1,072,031	145,381	1,002,074	3,064,029	23	
424,827	110,005	1,016,900	1,283,303	3,075,838	188,800	240,130	12,441	198,327	2,208,104	24	
446,043	410,240	1,440,110	3,400,580	4,986,588	1,722,118	1,211,300	282,392	730,800	3,350,813	25	
417,416	220,685	990,010	1,730,023	1,065,056	531,900	588,408	51,615	324,500	2,302,242	26	
241,434	11,000	1,500,018	1,292,882	1,745,307	339,200	530,525	50,378	275,387	2,531,705	27	
222,056	43,800	971,032	4,854,704	2,261,627	439,816	546,164	45,179	356,400	1,075,377	28	
224,271	26,573	1,198,262	499,423	2,320,614	170,297	134,043	18,410	145,304	2,200,818	29	
333,788	11,208	1,514,050	1,752,160	2,504,168	621,502	602,892	120,810	476,530	2,848,862	30	
48,444	.....	325,681	134,049	78,300	11,362	5,183	1,228	8,223	405,717	31
67,068	.....	586,270	80,037	310,137	4,020	6,462	.....	4,203	618,025	32
80,758	2,000	409,837	1,271,750	990,205	117,077	81,704	5,578	50,025	1,668,016	33	
297,148	16,180	1,078,040	459,070	1,802,493	123,627	112,178	7,572	81,482	1,055,101	34	
1,801,280	20,585	3,051,220	1,103,245	4,497,804	1,084,800	904,440	238,230	508,033	6,537,072	35	
242,503	.....	471,163	124,826	640,810	280,103	235,307	5,835	86,201	910,305	36
77,787	.....	400,181	417,370	695,000	147,669	160,320	50,171	85,870	605,168	37
214,500	10,907	286,604	182,474	716,221	140,835	81,725	64,567	67,036	672,311	38	
102,044	4,520	417,585	5,172	225,876	26,858	14,302	4,872	12,700	550,700	39	
59,347	.....	340,903	33,078	310,422	172,050	240,705	21,447	102,745	1,268,085	40
1,062,257	14,002	883,190	384,850	1,727,438	241,035	194,520	90,868	91,795	2,162,387	41	
101,873	.....	208,500	4,560	172,148	66,032	58,432	476	32,610	308,046	42
1,830,101	248,760	4,050,611	3,174,902	8,753,080	1,058,985	1,352,050	198,602	726,103	7,405,500	43	
67,203	.....	120,776	252,500	238,157	30,040	30,452	1,532	10,132	1,013,304	44
32,730	.....	170,888	8,430	37,523	2,800	1,500	.....	4,000	181,071	45
88,343	92,375	611,570	686,103	491,113	37,400	196,862	71,200	88,500	784,081	46	
68,062	.....	90,789	6,844	.....	.....	.....	.....	.....	66,780	47
13,522	213,040	2,083	27,274	4,711	148	25	2,030	184,160	48		
52,180	135,065	136,388	155,508	558,421	78,309	34,083	12,830	28,764	317,100	49	
55,435	191,072	25,467	30,755	278,854	50	
41,333	68,384	343	51,308	189,417	51	
127,202	432,217	486,248	1,734,108	170,543	242,708	24,468	57,781	824,906	52	
72,513	413,175	66,052	722,550	64,882	91,710	300	36,888	609,100	53	
716,572	20,726	2,170,310	1,484,025	4,802,390	600,640	754,833	88,247	498,050	3,040,116	54	

976 COMPENDIUM OF THE ELEVENTH CENSUS: 1890.

TABLE 15.—RECEIPTS AND EXPENDITURES ON ACCOUNT OF PUBLIC COMMON SCHOOLS,
BY STATES AND TERRITORIES: 1890.

[Transactions on account of loans are omitted except where specified.]

STATES AND TERRITORIES.	ORDINARY RECEIPTS.			ORDINARY EXPENDITURES.			
	TAXATION.	Funds and rents.	Miscella- neous.	TEACHERS' WAGES.	CONSTRUCTION AND CARE OF BUILDINGS.	LIBRARIES AND APPARATUS.	MISCELLA- NEOUS.
The United States.....	\$102,256,000	\$25,707,064	\$11,806,009	\$88,772,816	\$24,228,408	\$1,068,030	\$24,306,214
North Atlantic division.....	37,610,780	8,273,147	3,308,283	28,067,821	10,687,114	455,077	8,415,530
Maine.....	692,290	384,033	28,368	807,413	.....	.....	a807,480
New Hampshire.....	665,537	67,634	18,095	489,300	209,551	.....	115,543
Vermont.....	622,053	14,821	74,514	525,541	73,107	b10,044	81,165
Massachusetts.....	8,129,713	153,988	2,345	4,740,024	1,870,618	(e)	1,675,420
Rhode Island.....	740,366	131,548	105,527	575,783	b203,080	7,047	132,080
Connecticut.....	1,533,902	401,717	80,048	1,330,087	300,394	10,443	416,015
New York.....	13,407,115	3,631,604	872,473	10,422,172	b4,593,265	411,863	1,064,074
New Jersey.....	1,159,272	2,095,250	187,700	2,230,811	738,397	b0,080	400,037
Pennsylvania.....	10,661,918	1,492,492	d1,030,123	0,937,600	2,638,042	(e)	3,252,313
South Atlantic division.....	5,678,474	2,307,051	699,698	6,400,063	884,277	88,731	1,257,650
Delaware.....	227,014	102,368	.....	222,088	.....	.....	a106,920
Maryland.....	1,602,863	72,050	101,572	1,457,527	107,429	(e)	285,707
District of Columbia.....	453,062	453,002	.....	510,601	f203,074	b14,112	118,337
Virginia.....	705,420	851,408	33,183	1,248,355	6141,724	13,730	173,538
West Virginia.....	964,906	280,969	46,446	832,961	176,198	g38,036	242,190
North Carolina.....	574,619	26,063	118,070	565,983	78,020	.....	88,022
South Carolina (h).....	428,336	(e)	21,500	384,814	27,131	14,104	34,151
Georgia (h).....	190,109	470,252	873,630	881,067	(e)	.....	136,523
Florida.....	531,536	32,810	5,317	356,067	85,101	b13,070	71,050
North Central division.....	47,033,142	8,432,503	5,642,528	39,800,831	0,800,489	760,134	12,310,077
Ohio.....	9,937,584	249,204	202,650	6,708,700	1,488,474	.....	f2,500,063
Indiana.....	8,143,668	656,110	373,527	3,783,087	854,480	.....	j1,202,600
Illinois.....	8,288,109	1,890,180	1,228,928	7,207,623	2,080,030	260,471	1,721,700
Michigan.....	4,110,035	705,813	d761,437	3,323,882	804,530	f70,171	1,157,823
Wisconsin.....	2,815,426	782,131	335,645	2,403,002	475,531	156,888	585,015
Minnesota.....	2,749,135	802,048	812,157	2,374,713	714,031	110,368	934,414
Iowa.....	5,385,403	700,578	d671,805	4,318,871	500,205	73,388	1,575,707
Missouri.....	3,440,120	1,487,516	20,848	3,472,220	885,382	k27,802	702,847
North Dakota.....	441,081	127,190	33,400	358,350	56,719	b28,216	183,052
South Dakota.....	864,067	178,244	58,088	695,841	131,277	55,818	200,721
Nebraska.....	1,744,072	601,977	930,501	2,051,449	b15,894	.....	333,776
Kansas.....	3,573,042	502,503	189,470	3,021,066	b874,221	77,077	d1,000,003
South Central division.....	5,698,244	3,710,860	875,001	8,200,220	760,081	95,978	794,261
Kentucky.....	1,880,362	.....	232,684	1,735,181	200,031	.....	440
Tennessee.....	1,206,920	128,807	82,072	1,070,260	77,257	b66,805	106,023
Alabama.....	495,090	111,360	.....	531,010	.....	.....	15,904
Mississippi (h).....	613,710	414,312	104,760	930,087	94,084	(e)	64,745
Louisiana.....	338,964	211,500	178,407	522,914	27,982	.....	153,000
Texas.....	376,720	2,558,297	269,038	2,530,975	180,779	45,792	415,558
Arkansas.....	780,400	295,491	18,880	869,900	98,948	13,331	38,881
Western division.....	6,226,444	2,975,307	1,270,500	6,228,872	2,017,007	250,120	1,016,690
Montana.....	359,716	.....	d87,318	226,508	b06,073	7,808	33,004
Wyoming.....	152,018	55,080	.....	88,851	4,850	.....	59,203
Colorado.....	1,481,051	112,702	d571,740	818,605	b607,503	(e)	255,271
New Mexico.....	78,082	.....	45,814	56,039	3,187	.....	19,410
Arizona (m).....	.....	.....	.....	.....	.....	.....	n177,484
Utah.....	259,250	28,017	58,126	193,950	124,616	25,057	51,054
Nevada.....	124,515	55,080	531	135,800	9,730	1,705	15,362
Idaho.....	167,553	.....	3,224	121,581	b18,048	7,003	20,186
Washington.....	668,786	.....	302,832	428,735	200,555	58,946	156,935
Oregon.....	641,237	151,187	d111,013	563,504	148,938	b44,056	123,781
California.....	2,293,336	2,027,471	98,002	3,594,580	b703,918	113,566	706,905

a Includes all expenditures except teachers' wages.

b Furniture included.

c Returns incomplete.

d Loans included.

e No report.

f Cost of sites included.

g Furniture and apparatus.

h Report for 1889.

i Includes expenditures for apparatus, furniture, etc.

j Includes expenditures for libraries and apparatus.

k Apparatus and furniture not included.

l Cost of apparatus included in "Miscellaneous".

m No report of receipts or detail of expenditures.

n Includes all expenditures.

TABLE 16.—COMPARATIVE STATEMENT OF EXPENDITURES ON ACCOUNT OF PUBLIC COMMON SCHOOLS, TOTAL AND PER CAPITA OF POPULATION AND OF PUPILS ENROLLED, BY STATES AND TERRITORIES: 1880 AND 1890.

STATES AND TERRITORIES.	TOTAL EXPENDITURES ON ACCOUNT OF PUBLIC COMMON SCHOOLS. (a)		PER CAPITA OF POPULATION. (b)		PER CAPITA OF PUPILS ENROLLED.	
	1890	1880	1890	1880	1890	1880
	\$139,065,537	\$70,528,736	\$2.24	\$1.59	\$11.03	\$7.09
The United States.....						
North Atlantic division.....	47,025,548	27,881,737	2.74	1.92	15.35	9.45
Maine.....	1,114,902	901,207	1.09	1.53	7.98	6.57
New Hampshire.....	814,394	568,103	2.16	1.64	13.62	8.78
Vermont.....	689,917	452,693	2.08	1.30	10.52	6.18
Massachusetts.....	8,286,082	4,720,951	3.70	2.05	22.30	14.01
Rhode Island.....	917,000	630,107	2.60	1.62	17.39	12.48
Connecticut.....	2,123,830	1,835,234	2.85	2.14	16.70	11.26
New York.....	17,392,274	9,036,062	2.00	1.05	16.69	9.67
New Jersey.....	9,457,625	2,039,038	2.39	1.80	14.77	9.94
Pennsylvania.....	12,828,045	7,306,602	2.44	1.71	12.00	7.09
South Atlantic division.....	8,630,711	5,130,291	0.98	0.68	4.96	4.15
Delaware.....	329,008	172,455	1.95	1.18	10.47	6.53
Maryland.....	1,910,683	1,395,284	1.89	1.49	10.37	9.30
District of Columbia.....	906,124	438,567	8.93	2.47	24.55	10.59
Virginia.....	1,577,347	889,802	0.95	0.69	4.61	4.03
West Virginia.....	1,284,091	720,907	1.68	1.17	6.65	5.01
North Carolina.....	718,225	383,700	0.44	0.27	2.20	1.50
South Carolina.....	460,260	307,250	0.41	0.37	2.37	2.72
Georgia.....	967,590	653,464	0.53	0.42	2.85	2.76
Florida.....	470,503	117,724	1.22	0.44	5.23	2.72
North Central division.....	62,815,531	37,170,180	2.81	2.14	12.56	9.09
Ohio.....	10,755,246	7,707,630	2.03	2.41	13.49	10.24
Indiana.....	5,900,233	4,664,407	2.00	2.28	11.07	8.79
Illinois.....	11,288,520	7,536,082	2.05	2.45	14.50	10.70
Michigan.....	5,446,416	3,112,468	2.00	1.00	12.75	8.50
Wisconsin.....	3,711,286	2,163,846	2.20	1.64	10.55	7.22
Minnesota.....	4,033,516	1,622,910	3.10	2.08	14.38	8.70
Iowa.....	6,477,256	4,347,110	3.39	2.08	13.13	10.21
Missouri.....	5,128,260	3,092,332	1.01	1.43	8.27	6.38
North Dakota.....	620,046	188,267	3.45	{ 01.36	17.07	{ 13.36
South Dakota.....	1,173,757		3.57		15.00	
Nebraska.....	3,301,110	1,079,000	3.12	2.39	13.74	10.71
Kansas.....	4,972,907	1,819,561	3.52	1.83	12.62	7.30
South Central division.....	9,869,440	4,679,708	0.94	0.52	4.30	3.41
Kentucky.....	2,026,552	1,162,044	1.12	0.71	5.03	3.98
Tennessee.....	1,300,351	786,088	0.85	0.51	3.29	2.70
Alabama.....	547,880	430,181	0.37	0.34	1.85	2.29
Mississippi.....	1,097,916	679,475	0.85	0.60	3.29	2.87
Louisiana.....	704,580	455,758	0.69	0.48	5.07	5.03
Texas.....	8,173,104	782,735	1.42	0.49	6.06	4.44
Arkansas.....	1,019,060	382,637	0.92	0.48	4.67	3.53
Western division.....	10,124,208	4,657,754	3.35	2.03	19.70	15.58
Montana.....	364,083	68,002	2.75	1.74	21.44	14.57
Wyoming.....	152,018	28,504	2.52	1.37	19.42	9.30
Colorado.....	1,081,379	589,127	4.08	3.08	25.07	20.85
New Mexico.....	70,186	28,978	0.55	0.24	4.66	6.09
Arizona.....	177,484	61,172	2.08	1.51	22.22	14.52
Utah.....	304,677	170,887	1.90	1.19	10.85	6.03
Nevada.....	162,507	212,104	3.55	3.41	22.01	23.79
Idaho.....	168,318	38,411	1.00	1.18	11.76	6.58
Washington.....	944,160	112,615	2.70	1.50	17.08	7.62
Oregon.....	880,860	316,885	2.81	1.81	13.90	8.46
California.....	5,110,007	3,031,014	4.24	3.51	23.08	18.77

a Amount expended for colleges, academies, normal schools, and other educational purposes not included.

b Computed for 1890 on population of places reporting.

c Dakota territory.

COMPENDIUM OF THE ELEVENTH CENSUS: 1890.

TABLE 17.—RECEIPTS AND EXPENDITURES, CLASSIFIED BY SOURCES
25,000 INHABITANTS
RECEIPTS.

	CITIES.	Popula-tion 1890.	For year-end-ing—	Total receipts.	Balance at begin-ning of period.	Funds, investments, transfers, and refunds.	Loans, (Principal.)	Collections for state or county.
1	New York, N. Y.	1,515,301	Dec. 31, 1890	\$101,854,775	\$9,719,761	\$21,877,142	\$29,997,083	\$4,510,642
2	Chicago, Ill.	1,090,850	Dec. 31, 1889	21,084,142	2,204,926	3,070,891	226,000	
3	Philadelphia, Pa.	1,040,964	Dec. 31, 1889	27,369,503	2,020,196	9,137,513	250,000	530,044
4	Brooklyn, N. Y.	806,343	Dec. 31, 1889	34,325,288	8,270,077	7,703,178	4,702,060	
5	St. Louis, Mo.	451,770	Apr. 7, 1890	11,424,010	2,700,336	1,298,378	327,000	
6	Boston, Mass.	448,477	Apr. 30, 1890	37,493,804	7,558,485	7,208,807	7,717,000	640,162
7	Baltimore, Md.	434,430	Dec. 31, 1889	15,028,100	481,080	6,134,980	2,870,000	
8	San Francisco, Cal.	298,997	June 30, 1890	9,243,773	1,011,025		256,800	2,007,003
9	Cincinnati, Ohio	290,908	Dec. 31, 1889	12,024,849	1,044,481	4,734,197	1,002,013	
10	Cleveland, Ohio	261,953	Dec. 31, 1889	5,720,518	547,408	698,351	658,863	
11	Buffalo, N. Y.	255,664	Dec. 31, 1889	8,106,605	1,759,894	568,243	1,122,528	
12	New Orleans, La.	242,030	Dec. 31, 1889	4,138,167	99,910	591,264	514,000	
13	Pittsburg, Pa.	238,617	Jan. 31, 1890	6,642,816	881,718		1,268,110	48,000
14	Washington, D. C. (b)							
15	Detroit, Mich.	205,876	June 30, 1890	5,236,660	783,771	926,240	360,000	
16	Milwaukee, Wis.	204,468	Mar. 20, 1890	4,018,202	810,601	540,879		413,104
17	Newark, N. J.	181,830	Dec. 31, 1889	8,328,533	479,550	2,519,223	2,147,878	
18	Minneapolis, Minn.	164,738	Dec. 31, 1889	4,056,507	206,463	127,208	1,320,025	
19	Jersey city, N. J.	163,003	Dec. 31, 1889	12,022,854	273,224	4,842,358	3,877,048	417,475
20	Louisville, Ky.	161,129	Aug. 31, 1890	2,128,007	271,535	108,786		
21	Omaha, Neb.	140,452	Dec. 31, 1889	3,528,970	366,500	297,161	797,950	
22	Rochester, N. Y.	133,896	Mar. 8, 1890	3,270,876	120,747	630,744	574,488	
23	St. Paul, Minn.	133,156	Dec. 31, 1889	6,019,923	414,701	615,927	1,117,000	
24	Kansas city, Mo.	132,716	Apr. 21, 1890	1,733,851	571,030	111,205		
25	Providence, R. I.	132,146	Sept. 30, 1890	67,746,940	2,049,584	653,001	1,841,693	303,380
26	Denver, Colo. (d)							
27	Indianapolis, Ind.	105,436		1,632,384	271,083		459,086	
28	Allegheny, Pa.	105,287	Feb. 28, 1890	1,507,675	189,856	209,300	172,000	
29	Albany, N. Y.	94,923	Nov. 1, 1890	2,820,604	740,302	510,186	99,089	
30	Columbus, Ohio.	88,150	Mar. 31, 1890	3,307,557	417,088	438,777	1,220,700	
31	Syracuse, N. Y.	88,143	Feb. 21, 1891	1,009,302	240,768	12,206	510,177	206,956
32	Worcester, Mass.	84,055	Nov. 30, 1889	4,247,377	1,534,516	461,202	600,000	
33	Toledo, Ohio	81,434		2,018,020	170,717	739,683	385,000	
34	Richmond, Va.	81,388	Jan. 31, 1890	2,601,804	20,225	669,901	910,900	
35	New Haven, Conn.	81,298	Nov. 30, 1889	1,423,406	117,332		320,000	1,445
36	Paterson, N. J.	78,347	Mar. 20, 1890	1,835,726	4,981	8,208	875,000	225,004
37	Lowell, Mass.	77,696	Dec. 31, 1889	2,928,226	414,537	543,902	735,000	
38	Nashville, Tenn.	76,168	Sept. 30, 1890	956,347	112,688	110,271		
39	Scranton, Pa.	75,215	Dec. 31, 1889	495,271	133,554	1,972		
40	Fall River, Mass.	74,398	Dec. 31, 1889	3,000,603	1,331,011	282,032	360,000	111,000
41	Cambridge, Mass.	70,028	Dec. 31, 1889	2,504,522	170,943	381,446	600,439	100,025
42	Atlanta, Ga.	65,533	Dec. 31, 1889	1,497,158	821,691	55,085	150,000	
43	Memphis, Tenn.	64,495	Dec. 31, 1889	845,250	79,686	14,413		
44	Wilmington, Del.	61,431	June 30, 1890	724,274	85,413	74,082	50,027	
45	Dayton, Ohio	61,220	Feb. 28, 1890	1,375,625	348,587	159,022	256,328	
46	Troy, N. Y.	60,056	Feb. 28, 1890	1,587,083	110,874	50,807	312,366	317,322
47	Grand Rapids, Mich.	60,278	Apr. 30, 1890	1,067,380	109,971	163,288		
48	Reading, Pa.	58,661	Dec. 31, 1890	535,103	42,420	50,220	165,000	
49	Camden, N. J. (d)							
50	Trenton, N. J.	57,458	Feb. 28, 1890	1,481,600	441,025	93,146	280,800	
51	Lynn, Mass.	55,727	Dec. 20, 1889	2,007,077	602,478	349,788	848,000	73,007
52	Lincoln, Neb. (d)							
53	Charleston, S. C.	54,955	Dec. 31, 1889	818,383	65,851	1,020		
54	Hartford, Conn.	53,230	Mar. 31, 1890	1,832,410	28,290	369,500	240,000	70,070
55	St. Joseph, Mo.	52,324	Apr. 16, 1890	652,921	59,752	38,019		
56	Evansville, Ind.	50,756	Dec. 31, 1889	640,011	169,455			
57	Los Angeles, Cal.	50,395	Oct. 1, 1890	1,547,206	525,187	11,475	100,778	
58	Des Moines, Iowa	50,093	Jun. 1, 1890	411,798	54,202	42,103		
59	Bridgeport, Conn.	48,866	Feb. 23, 1890	1,045,475	12,655		443,009	
60	Oakland, Cal.	48,682	June 30, 1890	1,006,494	125,806			
61	Portland, Ore.	46,385	Dec. 31, 1889	485,187	47,640			
62	Saginaw, Mich.	46,322	Mar. 31, 1890	220,813	68,501	8,498		
63	Salt Lake, Utah	44,843	Dec. 31, 1890	955,481	54,875	42,100	50,000	
64	Lawrence, Mass.	44,654	Dec. 31, 1890	916,081	80,893	61,520	100,000	
65	Springfield, Mass.	44,170	Dec. 10, 1890	1,348,410	82,594	61,565	390,000	

a The classification of certain receipts and of certain expenditures as "Ordinary" is necessarily, to some extent, arbitrary, but the character of the items included is fully shown by the headings of the several columns.

OF RECEIPTS AND OBJECTS OF EXPENDITURES, FOR CITIES HAVING
OR MORE: 1890.

RECEIPTS.

ORDINARY. (a)											
Total.	From state or county for schools, etc.	Water-works or other undertakings. (Net.)	Ad valorem taxes, real and personal, for municipal purposes only.	Special assessments for streets, bridges, and sewers.	Liquor licenses.	Licenses other than liquor.	Fees, fines, and penalties.	Interest on deposits.	Income from funds and investments.	Miscellaneous.	
\$35,740,547	\$720,252	\$442,001	\$28,782,120	\$2,137,007	\$1,475,560	\$69,059	\$402,935	\$143,123	\$618,074	\$330,310	1
15,484,325	137,780	12,142,320	4,957,311	2,131,307	333,807	108,319	.....	.....	330,607	1,342,095	2
15,431,810	286,300	1,018,814	12,004,586	9,080	480,908	171,812	338,470	.....	302,080	720,441	3
13,490,433	.....	.....	12,505,028	.....	355,025	87,504	32,780	91,288	10,184	407,725	4
7,082,296	175,008	531,923	4,106,098	325,350	775,903	621,035	211,832	61,150	130,750	157,451	5
14,389,350	914,886	200,771	10,371,078	97,214	765,968	37,720	325,253	180,801	877,043	500,547	6
0,132,437	162,142	.....	5,163,426	241,640	.....	51,355	8,944	.....	379,607	125,224	7
5,907,355	687,114	.....	3,023,454	1,348,377	240,360	250,913	296,056	.....	17,682	64,890	8
5,244,158	.....	.....	3,781,732	459,560	406,349	118,523	19,077	20,272	102,577	270,060	9
3,815,806	25,238	281,730	2,420,300	420,403	310,435	18,804	22,434	1,554	56,515	252,406	10
4,752,030	102,803	.....	2,010,421	1,470,702	282,078	13,085	24,017	52,303	6,501	170,490	11
2,936,003	167,170	2,448,297	8,895	376,714	17,025	217,227	20,962	.....	61,340	20,998	12
8,446,018	51,801	.....	2,478,432	.....	245,450	.....	.....	1,873	69,870	106,500	13
3,106,040	88,483	233,714	2,180,040	336,100	131,847	11,902	3,079	33,303	28,224	124,157	14
2,853,708	88,242	89,013	1,779,032	400,414	260,760	31,308	35,776	10,357	.....	52,000	16
3,181,382	5,238	77,156	2,360,846	255,032	207,249	.....	5,788	.....	117,079	53,500	17
2,993,301	78,646	30,306	2,998,806	4,588	250,000	21,012	51,701	530	.....	157,032	18
2,611,840	.....	.....	2,148,002	170,976	207,070	1,091	23,070	.....	200	59,031	19
1,759,076	142,020	6,163	1,284,061	6,482	.....	286,052	4,094	11,074	6,110	6,111	20
2,007,360	60,827	.....	1,020,308	510,852	317,000	20,941	21,820	.....	.....	94,035	21
1,959,897	.....	.....	1,450,510	397,151	44,635	12,340	.....	.....	40,216	22	
3,872,295	277,030	.....	1,579,087	1,464,842	385,000	32,388	60,461	6,040	.....	65,702	23
1,051,007	553,145	.....	.....	.....	262,353	12,660	.....	.....	122,840	24	
2,200,105	28,205	20,604	1,700,790	87,773	220,407	17,400	26,687	46,102	23,408	28,600	25
902,235	118,046	.....	592,200	.....	30,709	95,968	8,402	.....	31,611	25,180	26
936,510	23,482	.....	727,730	38,223	.....	21,519	18,590	.....	.....	111,000	28
1,485,077	51,980	92,178	910,620	288,157	51,595	15,201	5,052	16,851	4,770	28,087	29
1,281,002	30,400	40,557	721,403	345,006	64,805	1,570	5,570	3,284	50,760	50,760	30
930,225	41,283	.....	810,402	.....	30,486	3,896	10,048	6,918	1,270	8,122	31
1,651,559	130,005	48,023	1,107,015	77,081	88,200	0,066	14,881	7,296	15,473	100,113	32
742,020	.....	.....	578,895	61,234	58,052	3,114	7,026	350	12,430	20,513	33
1,000,868	177,426	547	729,025	14,908	44,485	10,253	9,753	.....	515	5,449	34
984,029	.....	.....	782,462	30,100	130,987	4,383	10,937	.....	.....	15,724	35
722,583	86,821	.....	406,183	089	110,850	4,881	9,076	.....	465	3,068	36
1,234,727	58,875	.....	958,548	16,510	63,109	351	14,020	22,198	37,092	63,416	37
727,388	44,750	.....	540,740	8,300	.....	89,618	15,037	.....	.....	28,083	38
350,745	17,000	.....	266,813	.....	33,000	39,745	1,891	.....	.....	30	39
1,000,500	23,222	.....	801,255	.....	77,184	3,247	10,804	6,906	1,841	22,541	40
1,232,760	80,288	120,024	948,445	13,221	40	300	8,000	1,550	12,002	88,543	41
970,382	10,825	8,853	669,806	131,030	67,428	70,280	.....	.....	.....	.....	42
751,157	.....	.....	617,781	.....	65,080	44,530	.....	10,202	12,655	43	
514,752	46,050	.....	444,553	.....	1,806	9,885	1,404	7,045	5,709	17,054	44
611,088	25,089	.....	515,872	320	45,841	1,809	.....	.....	.....	17,054	45
736,714	39,080	.....	645,245	10,930	17,988	.....	600	3,078	.....	18,704	46
704,180	20,327	.....	606,039	.....	45,045	5,309	5,064	.....	6,000	14,506	47
277,403	52,258	.....	182,548	30,168	2,012	208	.....	.....	359	8,810	48
657,029	80,226	552	450,935	20,309	69,900	1,197	5,210	.....	9,815	1,446	49
732,004	41,013	20,609	535,064	11,056	54,852	3,617	10,672	2,033	810	42,078	51
750,553	41,538	1,834	540,008	.....	28,500	77,744	6,214	.....	4,459	60,500	52
1,123,032	23,346	73,728	846,356	28,928	71,910	828	4,701	12	13,158	62,950	54
554,550	80,317	.....	341,000	.....	85,998	.....	3,698	.....	.....	42,931	55
470,556	6126,762	.....	310,204	.....	17,647	5,014	.....	8,588	.....	2,251	56
900,816	139,637	.....	526,036	.....	112,800	81,458	13,307	.....	.....	36,518	57
815,403	.....	.....	130,254	.....	.....	.....	.....	.....	.....	185,140	58
580,811	22,849	.....	418,008	16,181	71,027	3,633	13,950	.....	.....	44,204	59
880,688	151,210	.....	356,773	265,260	67,000	18,485	21,960	.....	.....	.....	60
497,538	.....	.....	140,820	112,531	.....	95,349	250	152	.....	70,430	61
152,814	.....	.....	135,715	.....	12,705	714	1,174	1,123	.....	1,323	62
808,410	1,000	.....	220,045	102,860	64,160	86,107	23,331	.....	6,803	272,824	63
673,608	6,736	40,956	461,871	8,860	45,223	2,130	7,738	3,144	101,504	64	
874,251	85,221	77,893	608,016	13,400	47,781	17,609	8,636	3,270	2,521	9,894	65

^b Receipts not given separate from those for the District of Columbia.^c Includes sinking fund and city debt accounts.^d No report.^e Includes all school receipts.

TABLE 17.—RECEIPTS AND EXPENDITURES, CLASSIFIED BY SOURCES
25,000 INHABITANTS
RECEIPTS—Continued.

	CITIES.	Population 1890.	For year ending—	Total receipts.	Balance at beginning of period.	Funds, investments, transfers, and refunds.	Loans, (Principal.)	Collections for state or county.
66	Manchester, N. H.	44,126	Dec. 31, 1889	\$684,638	\$47,020	\$64,568	\$101,050	.....
67	Utica, N. Y.	44,007	Feb. 26, 1891	763,138	58,622	333	90,800	.....
68	Hoboken, N. J.	43,648	May 3, 1889	846,003	87,920	4,247	60,043	.....
69	Savannah, Ga.	43,189	Dec. 31, 1889	699,224	32,104	43,621	.....	.....
70	Seattle, Wash.	42,837	May 31, 1890	730,755	32,971	.....	358,019	.....
71	Peoria, Ill.	41,024	1889	723,284	74,064	144,127	200,201	.....
72	New Bedford, Mass.	40,733	Jan. 6, 1890	1,307,570	30,825	73,377	505,000	.....
73	Erie, Pa.	40,634	Dec. 31, 1889	301,887	52,751	81,000	.....	.....
74	Somerville, Mass.	40,152	Dec. 31, 1889	1,205,707	20,102	60,731	359,000	.....
75	Harrisburg, Pa. (a)	39,385	Apr. 7, 1890	304,075	74,995	40,941	.....	.....
76	Kansas city, Kan.	38,816	Mar. 31, 1890	1,104,051	126,001	650	610,200	.....
77	Dallas, Tex.	38,067	Apr. 20, 1891	908,118	73,749	170,834	303,983	.....
78	Sioux city, Iowa	37,804	Mar. 1, 1890	452,062	77,437	26,990	55,807	.....
79	Elizabeth, N. J.	37,764	1889	632,265	140,742	.....	29,003	.....
80	Wilkesbarre, Pa.	37,718	Apr. 1, 1890	302,874	38,425	21,050	15,080	.....
81	San Antonio, Tex.	37,073	Feb. 28, 1890	903,809	157,179	.....	595,409	.....
82	Covington, Ky.	37,371	1890	533,206	48,524	.....	197,700	.....
83	Portland, Me.	36,425	Mar. 31, 1891	1,606,700	34,780	6,025	415,000	.....
84	Tacoma, Wash.	36,006	Nov. 4, 1891	1,728,368	103,908	9,345	550,000	.....
85	Holyoke, Mass.	35,037	Nov. 30, 1890	703,091	57,424	92,504	100,000	\$31,179
86	Fort Wayne, Ind.	35,308	Dec. 31, 1889	367,078	173,506	.....	.....	.....
87	Binghamton, N. Y.	35,005	June 1, 1890	348,788	86,826	.....	.....	.....
88	Norfolk, Va.	34,871	June 30, 1890	800,457	47,192	101,404	282,732	.....
89	Wheeling, W. Va.	34,522	Dec. 31, 1889	336,825	.....	113,192	.....	.....
90	Augusta, Ga.	33,300	Dec. 31, 1889	607,318	10,122	20,481	145,800	.....
91	Youngstown, Ohio	33,220	Mar. 17, 1890	323,488	62,717	41,046	72,208	.....
92	Duluth, Minn.	33,115	Feb. 15, 1890	985,890	11,178	16,018	180,078	.....
93	Yonkers, N. Y.	32,033	Mar. 1, 1890	913,532	23,305	36,980	322,051	.....
94	Lancaster, Pa.	32,011	June 1, 1890	453,060	22,046	39,170	182,700	.....
95	Springfield, Ohio	31,895	1889	575,060	30,514	151,506	81,430	.....
96	Quincy, Ill. (c)	31,076	Mar. 14, 1891	147,395	7,708	.....	.....	.....
97	Mobile, Ala.	31,007	Mar. 31, 1890	385,395	177,707	7,260	.....	.....
98	Topka, Kan.	31,007	Mar. 31, 1890	411,028	38,079	1,045	127,514	.....
99	Elmira, N. Y.	30,893	Jan. 31, 1890	570,000	20,768	96,835	205,000	.....
100	Salem, Mass.	30,801	Dec. 15, 1889	807,569	20,768	.....	.....	.....
101	Long Island city, N. Y.	30,506	Oct. 1, 1892	1,075,914	281,784	56,000	258,833	83,221
102	Altoona, Pa.	30,387	Dec. 31, 1890	180,276	6,230	42,362	.....	1,227
103	Dubuque, Iowa	30,311	Feb. 28, 1890	372,124	42,773	.....	51,100	.....
104	Terre Haute, Ind. (c)	.....	.....	.....	.....	.....	.....	.....
105	Chattanooga, Tenn. (c)	.....	.....	.....	.....	.....	.....	.....
106	Galveston, Tex.	29,084	Feb. 28, 1890	735,782	205,133	17,176	50,000	.....
107	Waterbury, Conn. (c)	.....	.....	.....	.....	.....	.....	.....
108	Chelsea, Mass.	27,009	Dec. 31, 1889	815,000	30,701	82,820	205,817	.....
109	Bay city, Mich.	27,839	Mar. 22, 1890	278,411	41,731	.....	.....	.....
110	Pawtucket, R. I.	27,638	Nov. 30, 1890	1,430,548	2,176	72,223	781,044	.....
111	Akron, Ohio	27,601	1889	300,240	52,293	3,549	26,455	.....
112	Houston, Tex.	27,557	Dec. 5, 1892	418,018	5,844	97,861	90,008	.....
113	Haverhill, Mass.	27,412	Dec. 31, 1889	570,033	37,013	21,000	107,867	.....
114	Brockton, Mass.	27,294	Nov. 30, 1890	652,000	13,462	32,000	262,000	48,508
115	Williamsport, Pa.	27,132	Dec. 31, 1890	210,109	64,972	.....	.....	.....
116	Davenport, Iowa	26,872	Mar. 1, 1891	334,612	50,747	6,583	45,000	.....
117	Sacramento, Cal.	26,986	Apr. 1, 1890	657,568	125,434	4,097	85,002	.....
118	Canton, Ohio	26,189	Mar. 18, 1890	355,804	53,871	.....	171,065	.....
119	Birmingham, Ala.	26,178	Dec. 31, 1890	584,828	79,811	2,850	210,009	.....
120	Little Rock, Ark.	26,874	Dec. 31, 1890	113,548	3,448	.....	.....	.....
121	Auburn, N. Y.	25,858	Feb. 28, 1890	381,742	50,493	112,463	8,021	226
122	Taunton, Mass.	25,448	Nov. 30, 1890	621,102	20,000	30,407	211,350	.....
123	Allentown, Pa.	25,238	Apr. 1, 1890	158,211	34,524	35,772	4,944	.....
124	Lacrosse, Wis.	25,080	Dec. 31, 1890	454,936	130,927	16,506	70,000	.....

a This account is made up for 15 months, ending April 7, 1890.

OF RECEIPTS AND OBJECTS OF EXPENDITURES, FOR CITIES HAVING
OR MORE: 1890—Continued.

RECEIPTS—Continued.

ORDINARY.										
Total.	From state or county for schools, etc.	Water-works or other undertakings.	Ad valorem taxes, real and personal, for municipal purposes only.	Special assessments for streets, bridges, and sewers.	Liquor licenses.	Licenses other than liquor.	Fees, fines, and penalties.	Interest on deposits.	Income from funds and investments.	Miscellaneous.
\$471,301		\$22,124	\$410,200	\$1,600	\$1,716	\$7,803			\$27,882	66
619,383	\$23,484		317,812	230,018	\$20,070	241	6,502	\$8,021	6,076	67
694,093	73,155		216,830		66,000	1,804	2,530		333,705	68
623,539		10,692	401,009	36,377	52,290	10,781	23,068	\$2,201	86,041	69
338,735			171,105		100,200	20,405	31,097		7,868	70
205,292		201,574			77,734	5,937		0,002	1,045	71
659,368	75,248	681	489,114	8,704	24,880	4,072	5,557	1,382	7,724	72
257,236			216,810	7,084	21,641	602	3,504		6,835	73
475,874	16,887		405,043	20,070		2,383		1,200	29,031	74
249,039		43,873	104,405	67,101	11,980	5,300	1,400		1,608	75
456,201		367,920	27,225	20,838		33,088	9,143		8,582	76
359,542	35,273	1,386	294,601	20		12,305			16,807	77
202,728		207,207	56,308		8,311	10,710			1,102	78
456,430	59,294		308,685	37,860	b40,070	1,718	15	790	7,080	79
228,310			102,735		25,422		8,252	1,527	90,374	80
241,221	45,322		141,290		30,718	8,974		14,011		81
287,042		252,735		4,704	9,504	11,964			8,045	82
1,150,070	23,053	14,442	601,166	8,452		304	5,565	42,445	386,480	83
1,071,115			510,130	460,360		72,386	21,701		469	84
401,684	841	4,090	315,088	4,895	35,022	8,434	2,031	1,422	38,055	85
193,572		170,034	2,042		8,650	2,441	3,246		1,150	86
261,902	14,361		214,985	17,781	6,208	1,664	3,088	3,785		87
809,120	10,820		284,213		586,571	3,471		10,181	14,923	88
226,033		43,497	110,496		40,437	14,086		10,642	925	89
400,915		3,092	342,030	24,046		53,010	6,389	197	61,051	90
140,527		79,735	89,446	22,848	441	3,345		712		91
772,025		415,522	248,343	70,000	5,144	14,020		2,102	7,894	92
531,187	11,271	46,440	276,687	182,313	9,413	1,345	3,169	478	1,082	93
309,753		81,981	120,900	4,653		32,920	6,303		7,540	94
311,610	14,440		263,700	80,110		336	2,871		5,407	95
									144	96
130,027		75,009		5,205	36,703	9,051		10,224	3,195	97
200,378	6,805	152,289			b5,265	6,734		2,070	26,240	98
243,700	14,446	104,033	986	11,447	1,408	3,406		2,241	15,703	99
544,968	51,817	14,741	401,752		24,761	3,493	5,770	739	41,886	100
400,880	17,880		271,435	62,795	10,407	2,245	842	20,184	9,497	101
130,468			83,754	32,836	5,430	4,227	3,870		823	102
278,251			199,394	50,088		24,422	170		4,221	103
										104
373,473		12,333	295,005	130	16,850		1,484		14,208	98,304
										106
307,166	17,630		325,422	8,338	25,125	3,066	6,256		6,111	5,078
236,080	9,627		153,147	44,300	21,105	2,278	704		5,304	109
574,205	18,305	46,218	351,104	104	49,092	7,022	3,000	1,072	62,218	4,776
217,943			156,004	41,842	17,850	224	2,180		62	221
218,305	31,348		163,010	6,217		142	3,172		10,249	4,167
846,553	14,600		264,110	1,261	24,303	2,229	8,191		5,073	31,717
295,526	15,102		230,001	2,421		2,497	2,680		5,867	27,820
145,227			125,054			d11,024	400	1,585	5,855	640
223,282			147,014	48,021		25,287	4,308		1,454	808
443,055	30,203	71,341	271,796		20,016		1,730		32,049	117
130,358			112,246	7,361		623		2,250	621	7,257
292,162	9,221		80,467	31,028	84,673	9,268	88,246	281	7,223	31,755
110,100			67,102			22,578	10,525			835
203,999			106,374	4,440			3,125	60		121
340,346		22,120	269,350	887	31,008		926		24,149	122
82,971		4,333	59,392	1,025	11,890	4,037	824		1,470	123
237,502		113	101,560		28,200	3,631	6,243		7,746	124

b Includes liquor licenses.*c* No report.*d* Includes fees and fines.

TABLE 17.—RECEIPTS AND EXPENDITURES, CLASSIFIED BY SOURCES
25,000 INHABITANTS
EXPENDITURES.

	CITIES.	Total expenditures.	Balance at end of period.	Loans, (Principal.)	Funds, investments, transfers, and refunds.	Total.	ORDINARY.		
							Buildings, works, and sites, including care and maintenance.	Water-works or other undertakings. (Net.)	Charities and gratuities.
1	New York, N. Y.	\$101,854,775	\$8,200,727	\$27,887,818	\$28,547,373	a \$37,218,857	\$9,080,302	.....	\$3,107,439
2	Chicago, Ill.	21,084,142	1,786,506	225,000	3,806,270	15,176,270	3,144,025	\$302,793	143,702
3	Philadelphia, Pa.	27,369,563	2,131,807	1,150,175	10,363,911	13,714,070	1,006,500	.....	730,855
4	Brooklyn, N. Y.	34,325,288	0,732,982	601,000	12,877,456	11,023,850	2,050,027	631,011	392,111
5	St. Louis, Mo.	11,424,010	3,330,053	328,000	1,230,413	6,525,944	1,018,515	.....	378,722
6	Boston, Mass.	37,403,804	8,860,595	3,700,080	10,288,575	14,035,254	2,248,024	.....	1,034,101
7	Baltimore, Md.	15,028,106	4,628,702	2,851,057	2,056,586	6,081,701	358,942	472,080	227,031
8	San Francisco, Cal.	9,243,773	1,117,925	113,000	2,372,014	5,039,034	306,534	.....	86,904
9	Cincinnati, Ohio.	12,024,849	1,209,507	476,600	4,921,618	5,357,115	1,710,054	60,536	391,081
10	Cleveland, Ohio.	5,720,518	608,930	643,850	661,657	3,800,081	750,180	.....	83,171
11	Buffalo, N. Y.	8,190,695	750,050	773,683	681,585	5,085,308	2,800,818	262,873	95,086
12	New Orleans, La.	4,138,167	184,253	523,000	1,397,744	2,093,170	22,118	.....	48,054
13	Pittsburg, Pa.	5,042,846	1,004,307	92,800	1,583,586	2,872,153	103,460	.....	80,762
14	Washington, D. C. (e)	5,236,660	750,446	161,000	605,246	3,410,000	1,303,232	.....	37,222
15	Detroit, Mich.	5,236,660	750,446	161,000	605,246	3,410,000	1,303,232	.....	37,222
16	Milwaukee, Wis.	4,018,292	1,050,212	.....	835,083	2,732,007	634,300	.....	50,000
17	Newark, N. J.	8,328,533	187,210	2,435,884	2,084,041	2,721,380	121,249	.....	94,256
18	Minneapolis, Minn.	4,050,507	363,441	330,500	182,108	3,780,548	1,143,803	.....	30,217
19	Jersey City, N. J.	12,022,854	762,961	1,497,286	7,721,147	2,041,460	53,710	44,717	8,427
20	Louisville, Ky.	2,128,997	26,084	250,000	87,122	1,755,801	70,200	.....	126,272
21	Omaha, Neb.	3,528,979	808,000	377,800	202,117	1,000,873	617,530	.....	4,432
22	Rochester, N. Y.	8,270,878	154,019	633,327	402,790	2,129,740	600,741	176,143	72,081
23	St. Paul, Minn.	6,019,023	94,163	225,000	408,000	5,202,604	3,107,000	.....	16,250
24	Kansas City, Mo.	1,793,851	602,466	.....	46,552	1,084,833	30,480	.....	5,000
25	Providence, R. I.	7,746,049	3,028,084	1,383,603	1,076,037	2,263,235	716,625	.....	27,008
26	Denver, Colo. (f)	.....	.....	.....	.....	977,137	67,678	36,050	.....
27	Indianapolis, Ind.	1,632,364	414,878	240,874	.....	.....	189,697	51,248	60,380
28	Allegheny, Pa.	1,507,075	118,885	107,000	207,878	1,073,902	507,190	.....	42,287
29	Albany, N. Y.	2,920,604	624,055	148,098	565,072	1,492,839	2,135,751	1,370,254	2,008
30	Columbus, Ohio.	3,307,557	291,405	405,168	585,143	.....	.....	.....	.....
31	Syracuse, N. Y.	1,909,392	99,524	320,000	280,856	1,203,012	400,908	.....	37,535
32	Worcester, Mass.	4,247,337	1,305,008	340,000	1,124,752	1,416,077	410,101	.....	83,751
33	Toledo, Ohio.	2,018,020	210,003	198,000	677,572	931,785	170,200	65,432	7,318
34	Richmond, Va.	2,601,894	34,027	.....	647,837	1,256,003	284,834	.....	43,022
35	New Haven, Conn.	1,428,400	184,340	238,000	80,040	921,017	100,481	.....	78,858
36	Paterson, N. J.	1,835,720	17,120	924,072	295,986	658,530	25,786	.....	39,778
37	Lowell, Mass.	2,928,226	560,645	567,400	675,055	1,125,120	223,626	615	60,023
38	Nashville, Tenn.	656,347	.....	62,900	65,016	828,432	200,300	.....	20,124
39	Scranton, Pa.	495,271	3,455	6,007	18,013	460,236	105,090	.....	46,845
40	Fall River, Mass.	3,080,003	1,478,008	260,000	464,917	887,618	197,254	30,800	61,330
41	Cambridge, Mass.	2,564,522	165,407	702,000	510,951	1,186,074	325,684	.....	50,186
42	Atlanta, Ga.	1,497,158	250,766	150,000	55,085	1,032,317	800,981	.....	45,880
43	Memphis, Tenn.	846,250	117,313	.....	20,827	698,116	.....	.....	11,004
44	Wilmington, Del.	724,274	44,705	87,094	74,084	518,381	4,499	.....	220
45	Dayton, Ohio.	1,375,625	260,461	151,306	102,852	800,026	101,201	29,320	19,066
46	Troy, N. Y.	1,537,033	4151,294	366,049	398,375	681,965	38,184	52,827	67,163
47	Grand Rapids, Mich.	1,067,389	192,077	21,500	46,662	806,650	12,000	114,737	28,080
48	Reading, Pa.	555,103	29,855	154,000	53,404	207,244	67,843	.....	1,000
49	Camden, N. J. (f)	.....	.....	.....	.....	.....	.....	.....	.....
50	Trenton, N. J.	1,481,600	4497,430	168,502	284,303	531,275	4,640	.....	15,054
51	Lynn, Mass.	2,607,077	771,800	508,082	863,627	963,568	284,102	.....	37,450
52	Lincoln, Neb. (f)	.....	.....	.....	.....	.....	.....	.....	.....
53	Charleston, S. C.	818,383	75,192	8,800	432	733,900	24,678	.....	57,528
54	Hartford, Conn.	1,892,410	59,590	235,000	508,782	939,038	96,712	.....	102,530
55	St. Joseph, Mo.	652,921	59,820	46,843	.....	546,258	27,082	.....	1,005
56	Evansville, Ind.	640,011	166,920	.....	.....	473,001	8,314	.....	.....
57	Los Angeles, Cal.	1,547,206	437,536	10,000	11,475	1,088,105	102,156	9,049	.....
58	Des Moines, Iowa.	411,708	1,004	4,000	42,103	304,631	.....	4,988	.....
59	Bridgeport, Conn.	1,045,475	19,751	400,000	.....	626,724	.....	.....	55,000
60	Oakland, Cal.	1,000,494	80,330	.....	.....	926,158	7,600	.....	1,700

a Includes an approximate amount of \$3,500,000 expended for public school buildings believed to be also embraced in the report of expenditures on account of public common schools.

b Exclusive of gas from city gas works.

c Expenditures not given separate from those for the District of Columbia. See Table 14.

OF RECEIPTS AND OBJECTS OF EXPENDITURES, FOR CITIES HAVING
OR MORE: 1890—Continued.

EXPENDITURES.

ORDINARY—continued.									
Mainten- ance of police.	Mainte- nance of streets, bridges, and sewers.	Care of public parks and places.	Fire.	Health.	Lighting.	Schools and libraries.	Salaries, separately reported.	Interest on debt.	Miscola- neous.
\$4,695,624	\$3,770,226	\$683,774	\$2,064,002	\$109,080	\$705,853	\$4,340,072	\$3,753,730	\$8,122,140	\$1,702,550
1,519,753	8,418	1,002,323	257,533	560,850	2,230,885	307,209	524,217	1,519,037	1
1,793,527	1,514,251	394,322	670,724	98,870	5385,797	2,220,482	1,192,817	1,530,544	2
1,338,184	1,555,098	275,201	194,265	235,076	482,193	1,729,974	1,113,104	542,402	3
605,097	1,046,477	62,875	510,696	70,880	318,044	947,232	400,110	1,005,601	4
	778,233								363,861
1,169,443	2,134,748	109,118	861,949	605,764	502,318	2,428,106	740,512	1,042,276	1,008,235
779,042	747,708	41,510	203,755	96,835	317,045	847,873	353,302	1,113,852	6
541,150	1,737,022	135,094	445,883	68,207	288,106	1,014,130	259,284	117,201	471,097
464,331	633,722	38,281	330,806	43,861	222,608	848,701	153,800	280,180	570,720
311,539	694,081	18,032	253,204	32,085	164,575	837,504	92,419	363,460	270,470
									104,215
373,820	581,302	138,417	308,471	22,051	200,892	530,580	188,017	322,407	90,644
152,728	211,550	3,840	235,978	20,247	184,831	182,825	117,643	585,501	11
323,827	818,331			245,704	37,101	121,000	480,302	94,812	327,156
								329,402	281,272
322,533	408,380	44,401	304,708	35,089	130,024	403,213	107,087	09,273	14
191,002	317,705	18,000	207,873	51,582	170,000	430,400	111,000	61,550	15
211,005	194,379	(d)	136,827	18,012	117,102	470,964		430,053	16
194,242	409,096	103,000	245,080	20,510	102,254	764,747	70,402	200,561	17
346,924	160,313	2,446	102,000	1,172		270,972	96,393	854,500	18
164,914	163,625		143,994	4,105	18,523	327,022	90,401	542,606	19
								07,480	20
88,077	90,701	16,013	70,104	5,428	36,025	337,302	71,581	155,210	21
120,403	157,754	3,407	138,046	27,017	140,628	280,381	70,750	185,000	22
178,783	288,804	26,388	221,195	17,697	145,058	439,215	28,001	292,240	23
166,465			120,361	45,719	77,542		82,714	500,070	24
240,638	288,007	28,056	174,027	27,715	154,528	205,010	123,010	86,503	25
61,261	90,070	12,800	70,093	3,337	51,271	290,078	27,414	200,941	26
79,484	122,452	17,405	93,402	5,500	34,082	170,977	68,017	87,062	27
135,053	54,313	31,440	94,087	8,448	97,731	250,050	70,609	112,097	28
121,430	67,202	10,787	60,935	14,802	47,470	300,421	28,253	53,281	29
70,100	50,090	12,527	72,850	28,304	46,735	235,501	46,877	93,385	31
99,180	154,022	12,207	55,539	10,800	69,484	297,410	38,622	142,003	32
73,016	107,070	13,070	64,055	12,817	150,000	g15,121	56,520	110,149	33
96,000	183,361	15,059	64,401	20,025	22,550	114,435	24,310	335,875	34
117,728	157,505	6,000	87,395	11,017	03,097	g30,001	32,185	06,806	35
68,390	44,001	8,017	57,520	18,787	30,273	106,056	39,615	90,801	36
88,793	178,495	7,792	94,653	32,077	55,750	250,858	35,017	65,556	37
02,262	142,000		50,000	1,834	28,456	122,610	28,788	140,145	38
35,707	52,242		14,926	1,500	31,000	116,121	35,475	27,324	39
92,690	97,452	2,440	47,525	8,740	27,031	182,840	27,780	67,027	40
87,154	195,443	4,510	54,780	3,080	44,950	244,206	27,842	04,275	41
102,970	57,152	13,382	65,575	51,709	45,570	137,520	59,145	147,707	42
53,620	171,082		75,070	41,423	38,218	53,234	12,180	177,130	43
43,208	148,140	14,600	23,070	10,408	20,850	110,750	30,587	74,870	44
50,203	40,808	471	47,184	4,404	33,448	314,786	18,805	37,478	45
97,670	87,250	1,308	42,400	5,702	51,398	110,748	31,920	43,420	46
50,583	113,314	2,727	57,685	5,114	37,702	201,108	53,068	50,881	47
34,704	59,303	8,900	26,302	1,825	37,885		11,401	30,025	48
50,002	165,520	10,088	28,107	2,920	90,756	120,410	28,050	38,900	49
51,264	127,756	8,310	49,170	27,809	32,407	161,102	27,025	117,480	50
68,970	120,844	4,018	43,988	10,050	27,000	109,005	25,458	174,740	51
63,854	127,992	8,600	71,339	2,824	39,248	203,807	14,068	137,787	52
45,000	43,503	2,029	34,265	4,770	35,370	110,501	31,380	92,176	53
33,134	49,055	1,571	40,050	010	26,201	122,484	15,252	104,012	54
(4)	128,076	26,949	63,254		42,632	190,129	k174,748	29,387	235,965
17,280	50,658		18,080		39,006		41,029	32,018	57
38,683	82,579	12,325	45,851	3,387	26,458	11,050	21,709	82,606	58
51,003	343,844	5,708	74,408	4,942	30,352	278,440	38,130	26,400	59,790

^d Included in "Miscellaneous".^e Includes sinking funds and city debt account.^f No report.^g In part.^h Exclusive of money belonging to the state.ⁱ Includes sinking fund.^j Included in sinking fund.^k Includes police salaries.

COMPENDIUM OF THE ELEVENTH CENSUS: 1890.

TABLE 17.—RECEIPTS AND EXPENDITURES, CLASSIFIED BY SOURCES
25,000 INHABITANTS
EXPENDITURES—Continued.

	CITIES.	Total expenditures.	Balance at end of period.	Loans (Princ. -pal.)	Funds, investments, transfers, and refunds.	Total.	ORDINARY.		
							Buildings, works, and sites, including care and maintenance.	Water-works or other undertakings. (Net.)	Charities and gratuities.
61	Portland, Ore.	\$485,187	\$87,808	\$16,407	\$8,498	\$307,379	\$2,580	.....	\$1,302
62	Saginaw, Mich.	229,813	57,888	.....	14,960	500	.....	4,000	0,581
63	Salt Lake, Utah	955,481	37,866	.....	44,361	873,254	88,950	125,065	.....
64	Lawrence, Mass.	916,081	112,037	100,000	80,032	623,412	.....	.....	39,818
65	Springfield, Mass.	1,348,410	92,822	372,000	107,197	680,301	52,738	.....	51,974
66	Manchester, N. H.	684,638	70,840	100,500	64,508	430,721	11,084	.....	15,375
67	Utica, N. Y.	703,138	88,900	60,300	.....	604,020	.....	.....	.....
68	Hoboken, N. J.	840,908	92,387	45,504	81,090	627,003	.....	.....	5,247
69	Savannah, Ga.	690,224	19,189	31,482	43,521	605,052	905	.....	4,593
70	Seattle, Wash.	730,755	121,000	.....	.....	600,746	3,003	.....	.....
71	Pearl, Ill.	723,284	186,084	190,752	32,600	612,858	.....	32,070	.....
72	New Bedford, Mass.	1,307,570	25,025	570,000	114,510	657,426	55,031	.....	41,041
73	Erie, Pa.	391,887	40,452	10,000	81,900	244,535	30,512	4,248	.....
74	Somerville, Mass.	1,205,707	21,003	587,000	50,781	546,873	.....	50,530	14,011
75	Harrisburg, Pa.	364,975	59,026	1,000	46,470	257,270	1,500	.....	250
76	Kansas City, Kan.	1,194,051	157,500	152,054	470	880,127	4,573	.....	.....
77	Dallas, Tex.	908,118	157,587	170,828	259,908	310,705	4,348	.....	7,014
78	Sioux City, Iowa	452,902	68,980	55,807	34,098	205,168	.....	6,135	.....
79	Elizabeth, N. J.	632,265	179,181	34,433	18,883	404,768	.....	.....	11,643
80	Wilkes-Barre, Pa.	302,874	42,837	5,000	.....	265,037	.....	.....	.....
81	San Antonio, Tex.	993,809	280,107	149,820	39,740	624,142	50,557	.....	.....
82	Covington, Ky.	533,288	33,155	205,770	.....	294,340	6,374	.....	12,001
83	Portland, Me.	1,606,700	68,605	703,000	6,025	769,100	2,825	.....	27,707
84	Tacoma, Wash.	1,728,308	207,422	.....	60,992	1,390,054	60,402	.....	33,900
85	Holyoke, Mass.	763,091	45,020	163,000	100,398	455,073	6,163	.....	.....
86	Fort Wayne, Ind.	367,078	100,001	105,000	.....	161,117	1,800	.....	.....
87	Binghamton, N. Y.	348,788	73,578	.....	.....	275,210	.....	.....	17,443
88	Norfolk, Va.	800,457	35,448	181,034	113,028	409,747	90,232	17,408	.....
89	WHEELING, W. Va.	339,825	.....	.....	120,701	210,034	.....	.....	.....
90	Augusta, Ga.	667,318	8,948	144,207	31,354	482,800	2,279	.....	3,803
91	Youngstown, Ohio	923,488	86,320	56,066	37,580	142,030	.....	608	1,165
92	Duluth, Minn.	985,809	52,004	.....	15,000	618,805	30,070	.....	871
93	Yonkers, N. Y.	913,532	23,878	227,000	29,050	633,505	1,356	.....	2,442
94	Lancaster, Pa.	453,600	57,293	103,430	16,324	186,713	26,527	.....	796
95	Springfield, Ohio	676,000	134,250	47,442	26,100	368,178	92,002	8,856	4,112
96	Quincy, Ill. (b)	.....	.....	.....	.....	.....	.....	.....	.....
97	Mobile, Ala.	147,395	4,483	.....	.....	142,852	2,502	.....	7,316
98	Topeka, Kan.	385,335	105,405	.....	7,250	182,680	.....	.....	.....
99	Elmira, N. Y.	411,028	55,247	65,430	808	289,543	739	.....	3,257
100	Salem, Mass.	807,569	5,134	210,000	87,835	504,000	56,267	.....	39,811
101	Long Island City, N. Y.	1,075,914	302,424	73,434	215,703	484,353	.....	18,400	16,500
102	Altoona, Pa.	180,276	12,231	.....	43,570	124,466	2,711	.....	.....
103	Dubuque, Iowa	372,124	40,840	101,319	.....	230,465	.....	.....	.....
104	Terre Haute, Ind. (b)	.....	.....	.....	.....	.....	.....	.....	.....
105	Chattanooga, Tenn. (b)	.....	.....	.....	.....	.....	.....	.....	.....
106	Galveston, Tex.	735,782	80,252	50,000	34,000	562,530	3,513	.....	.....
107	Waterbury, Conn. (b)	.....	.....	.....	.....	.....	.....	.....	.....
108	Chelsea, Mass.	815,600	16,538	338,198	54,406	400,368	7,362	14,720	17,660
109	Bay City, Mich.	278,411	44,751	.....	.....	233,060	638	.....	.....
110	Pawtucket, R. I.	1,430,548	9	401,306	255,408	683,735	37,170	.....	11,000
111	Akron, Ohio	300,240	80,308	48,036	114	171,122	.....	1,887	11,038
112	Houston, Tex.	418,018	50,378	43,500	34,265	280,875	17,961	.....	.....
113	Haverhill, Mass.	576,033	34,502	130,000	36,400	375,131	79,468	.....	19,027
114	Brookton, Mass.	652,096	13,041	172,100	84,454	382,501	27,203	15,270	30,512
115	Williamsport, Pa.	210,109	80,307	402	3,092	125,798	.....	.....	14,455
116	Davenport, Iowa	334,012	33,184	127,131	6,583	167,764	3,942	6,143	.....
117	Sacramento, Cal.	657,568	40,510	97,542	4,097	500,419	4,800	.....	.....
118	Canton, Ohio	355,894	66,027	6,825	.....	283,042	5,820	.....	4,692
119	Birmingham, Ala.	584,823	617,880	25,333	954	540,647	50,000	10,967	6,541
120	Little Rock, Ark.	113,548	14,173	.....	.....	99,375	1,068	.....	356
121	Auburn, N. Y.	881,742	70,078	10,000	180,033	121,031	6,918	.....	27,080
122	Taunton, Mass.	621,102	4,570	188,850	88,101	339,581	.....	.....	.....
123	Allentown, Pa.	158,211	19,555	6,065	40,716	91,275	1,975	.....	.....
124	Lacrosse, Wis.	454,935	165,680	4,000	20,002	205,103	10,720	.....	16,387

a Includes police.

b No report.

OF RECEIPTS AND OBJECTS OF EXPENDITURES, FOR CITIES HAVING
OR MORE: 1890—Continued.

EXPENDITURES—Continued.

ORDINARY—continued.										
Mainte-nance of police.	Mainte-nance of streets, bridges, and sewers.	Care of public parks and places.	Fire.	Health.	Lighting.	Schools and libraries.	Salaries, separately reported.	Interest on debt.	Miscellane-ous.	
\$50,702	\$157,774	\$6,051	\$73,218	\$265	\$28,235	\$20,730	\$33,205	\$23,404	61	
8,765	23,302	11,010	10,431	\$42,304	4,950	17,480	11,072	62		
46,808	314,261	7,981	23,338	10,000	20,572	28,010	22,500	185,151	63	
38,308	80,024	1,444	38,336	25,283	14,211	127,640	10,443	120,556	116,455	64
43,737	143,361	9,176	50,221	10,356	27,437	140,357	26,767	60,412	18,855	65
35,070	125,036	4,148	40,070	1,101	81,041	70,917	14,928	51,360	37,176	66
230,017	-----	602,429	-----	47,241	107,493	11,970	2,972	142,807	67	
58,786	15,245	15,658	19,250	100,627	37,875	67,794	300,512	68		
53,994	151,891	7,050	38,502	64,111	28,510	23,745	182,344	56,841	69	
42,410	276,834	526	103,614	3,071	18,181	10,000	7,750	143,150	70	
52,075	61,470	50,045	907	27,057	130,554	55	11,000	104,540	71	
65,098	168,347	37,314	1,278	21,301	13,820	73,141	68,130	72		
21,992	29,765	2,570	23,845	1,025	20,421	20,421	67,081	20,785	73	
41,241	110,750	40,017	5,227	16,088	25,495	45,804	30,041	74		
16,307	84,581	22,198	2,581	23,400	17,581	74,050	14,743	75		
32,905	667,126	20,221	17,208	80,016	17,123	91,932	31,910	76		
40,017	20,075	2,741	45,782	11,086	47,714	9,648	17,957	77		
113,716	-----	21,150	4,022	2,770	40,829	105,040	78			
35,448	21,567	15,113	7,237	80,057	131,745	101,358	79			
14,405	102,445	23,347	802	15,002	10,732	12,850	15,304	80		
36,015	228,725	1,804	15,201	13,900	17,307	64,132	43,204	47,057	81	
33,546	58,738	27,130	14,124	21,908	57,800	22,449	82			
36,556	105,251	4,013	43,704	7,546	27,070	100,303	30,357	181,034	83	
78,124	735,505	18,462	86,638	15,156	62,415	44,257	243,040	84		
28,886	83,823	1,848	44,343	6,725	10,106	85,639	11,432	60,182	76,507	85
25,272	21,274	2,233	20,186	850	17,100	12,975	30,625	10,724	86	
41,448	96,525	1,000	14,356	837	100,434	9,500	5,110	87		
36,085	74,040	8,014	18,386	3,000	25,043	28,080	115,764	25,283	88	
22,068	90,783	23,518	6,799	15,144	14,431	27,644	18,017	89		
51,930	104,936	1,871	45,084	12,240	11,152	13,408	130,313	98,083	90	
20,038	87,944	3,483	14,078	13,408	15,135	10,900	4,278	20,810	91	
45,327	640,735	47,268	4,802	14,119	51,516	28,404	46,603	92		
13,480	264,847	0,128	3,015	42,704	100,280	16,300	85,120	88,824	93	
15,050	45,261	10,064	26,406	22,837	100,370	8,850	43,127	10,372	94	
22,484	26,408	20,704	-----	10,800	30,198	10,800	15,357	95		
28,693	24,825	4,577	20,925	4,452	16,350	9,968	23,245	96	97	
14,232	-----	23,426	5,359	12,401	4,900	16,002	61,298	44,903	98	
22,713	84,674	5,071	21,202	4,300	14,353	18,035	18,030	36,774	99	
36,771	80,210	-----	20,500	13,880	38,082	92,901	13,308	70,243	42,448	100
34,863	118,462	-----	12,533	5,425	98,138	117,882	22,300	71,728	27,874	101
20,411	131,704	-----	11,077	134	12,332	38,101	10,300	43,091	102	
33,887	32,470	3,610	44,316	27,527	19,080	230,107	20,220	102,440	33,345	103
30,300	56,030	-----	25,528	6,755	15,863	101,500	14,870	96,700	10,493	108
15,566	34,043	2,072	20,494	600	8,605	60,012	15,014	22,820	32,406	109
36,340	240,163	1,097	28,705	-----	124,937	25,312	114,234	54,760	110	
14,661	62,998	2,655	37,040	1,187	20,085	3,030	6,007	1,732	8,192	111
28,270	56,902	-----	13,647	15,797	15,930	70,079	22,294	15,340	27,550	112
25,718	69,704	-----	33,808	1,975	15,241	78,000	10,321	18,180	23,025	113
26,024	97,050	-----	34,502	5,914	11,888	73,165	12,620	26,525	20,850	114
9,058	16,199	500	40,194	811	6,863	-----	6,453	28,888	2,377	115
10,473	68,127	4,190	16,414	4,215	16,375	10,478	12,808	8,599	116	
-----	35,290	-----	44,387	-----	27,123	118,648	49,035	206,122	24,063	117
12,760	174,050	-----	27,130	302	17,318	778	9,607	17,473	12,677	118
458,048	218,064	2,589	25,906	29,348	12,568	43,419	9,108	48,186	16,263	119
19,606	15,078	-----	23,116	238	10,120	-----	11,400	14,468	3,910	120
14,673	19,397	-----	6,486	2,801	20,588	13,487	550	42,980	121	
22,568	38,014	-----	43,791	-----	14,270	85,802	10,098	52,830	37,496	122
8,491	28,020	-----	10,387	1,857	13,324	-----	19,677	0,985	123	
17,450	76,268	570	24,908	954	11,272	61,097	12,890	13,645	18,886	124

c Outstanding warrants deducted.

d Includes \$11,441 for city prison.